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The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

Northampton State Hospital

FOR THE

Year Ending November 30, 1925

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE.

300. 6-'26. Order 5469.

STATE HOUSE, BOSTON
MASS. OFFICIAL

OFFICERS

OF THE

NORTHAMPTON STATE HOSPITAL

TRUSTEES

Mr. EDWARD C. GERE, *Secretary*, Northampton
Mr. GEORGE C. LUNT, Greenfield
Mrs. EMILY N. NEWTON, Wellesley Hills
Miss CAROLINE A. YALE, Northampton
LUKE CORCORAN, M.D., *Chairman*, Springfield
Mr. CHARLES W. KING, Chicopee Falls

RESIDENT OFFICERS

JOHN A. HOUSTON, M.D., *Superintendent*
EDWARD W. WHITNEY, M.D., *Assistant Superintendent*
ANGELA BOBER, M.D., *Senior Assistant Physician*
ELIZABETH A. THOMAS, M.D., *Assistant Physician*
GEORGE L. PARKER, M.D., *Assistant Physician*
AGNES B. GREIG, M.D., *Assistant Physician*
HARRIET W. WHITNEY, M.D., *Physician to Out-Patient and Social Service Departments*
LUCIEN H. HARRIS, D.D.S., *Dentist*
FRANK W. SMITH, *Steward*

NON-RESIDENT OFFICERS

Miss EVA L. GRAVES, *Chief Clerk and Treasurer (office at the hospital)*

HEADS OF DEPARTMENTS

Mr. L. W. SINCLAIR, *Chief Engineer*
Mr. JOHN DANIEL, *Head Farmer*
Miss ALICE E. BEDELL, R.N., *Superintendent of Nurses*
Miss S. E. WARREN, *Matron*
Miss MARY M. WHALEN, *Social Service Worker*
Miss FAITH F. WELLS, *Assistant Psychologist*
—— —— *Head Occupational Therapist*

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The Commonwealth of Massachusetts

TRUSTEES' REPORT

To His Excellency the Governor of the Commonwealth and the Honorable Council:

The trustees of the Northampton State Hospital hereby present their report of the affairs of the institution for the fiscal year ending November 30, 1925.

From the treasurer's report it appears that a daily average number of 1090 patients was maintained at a per capita weekly cost of $6.51, which by receipts from board of patients, from sales and from a few other sources, was reduced to a net weekly per capita cost of $4.74.

Appropriations were made by the Legislatures of 1924 and 1925 to provide automatic sprinklers and other fire protection. The measures for which these appropriations were made have been completed or are well under way. For a more detailed account of them we refer to the superintendent's report which accompanies ours.

The Legislatures of 1924 and 1925 made appropriations amounting to $270,500.00 for the erection of two ward buildings, one for men and one for women, which have been completed and have been put to use, each one providing accommodations for 93 patients, with examination rooms and treatment rooms on the ground floor.

An appropriation of $207,000.00 was made by the Legislature of 1925 for a building to accommodate 160 patients. This is now under construction and is expected to be ready for use in September, 1926.

The number of patients received and the number cared for during 1925 were respectively larger than in any previous year. A similar condition has prevailed almost regularly since the last new building for patients was erected in 1905. Since 1906, the daily average number of patients maintained, by five-year periods, has been as follows: from 1906 to 1910 the daily average number was 807; from 1911 to 1915, it was 906; from 1916 to 1920, it was 972; and from 1921 to 1925, it was 1050. The daily average number maintained in 1925 was 1090 and we are expected to maintain 1150 during the coming year.

The congestion that has existed in our hospital since 1905 has been relieved, in a measure, by the removal each year of patients to hospitals in the eastern part of the state,—the number so removed being 1705, in the past twenty years. More than 800 of these patients are still living in the institutions to which they were transferred. Thus, with 1100 in our hospital, there are 1900 patients being maintained in various hospitals of the state whose homes are in the four western counties which constitute the district served by our hospital.

From the above facts and figures, it may be seen that additional accommodations must be provided for the mental cases of our section of the state. The ward building now under construction at our institution when occupied, will relieve the congestion on the wards for women, but will not relieve the overcrowding on the wards for men. A new building like it, to accommodate 160 patients, would take care of our immediate needs and provide for expected increases for two or three years. The estimated cost of such a building is $200,000.00 We recommend that this amount be appropriated for this purpose.

The floor plan of the infirmary building for women is in the form of a cross, which permitted of the building of additional wards in the angle toward the east and south, with two sides enclosed with glass. These freely admit light and air, affording very desirable treatment wards for certain types of patients. It is feasible to construct similar additions in the corresponding angle to the south and west, providing accommodations for forty-four patients at an estimated cost of $500.00 per bed. We recommend that $22,000.00 be appropriated for these additions.

However necessary additional accommodations for patients may be, there is still more urgent need of rooms for our employees. Congestion of the wards may be relieved by sending patients to other hospitals, but such a relief measure cannot be resorted to in the case of employees.

At present, there is a shortage of fifty in our quota of officers and employees. With the opening of the new building, more nurses must be added to our quota, yet all available space is now utilized for their accommodation. Many employees must room together, which is unsatisfactory to those who accept such conditions. Frequently, applicants refuse to accept positions on learning that they cannot room alone, and occasionally others who have been employed here have left for the same reason.

To provide adequately for our employees, we therefore request an appropriation of $106,000.00, the estimated cost of a building for nurses, and an appropriation of $12,000.00 to build two cottages for married employees.

Adjacent to the land on which the new building is going up, are two pieces of property which are very essential for our use; one of them is now being plotted by the owner, to be sold for building lots. Houses should not be suffered to be built near enough to institutions for the care of mental cases so that it would be possible for their occupants or the patients, to annoy each other. We recommend an appropriation of $6,-500.00 for the purchase of these properties.

Every year needs arise for repairs and renewals not recurring annually. Such as seem to be necessary the coming year, are listed below, with the estimated cost of each:

Extension of Watchman's Clock System and Electric Time System to Nurses' homes. This is to complete our system in that part of the institution. There are at present, no watchman's stations and no clocks to govern the time for nurses to report for duty. The estimated cost is $210.00.

Electric fixtures are needed for an employees' cottage. These fixtures are required to equip a tenement that we are making available for the use of one of our employees and family. The cost will be $78.00.

A power lawn mower is needed, as our lawns now are so extensive and we have so much other work for patients, that it is not profitable to have them mowed by the small hand mowers. For this is needed $385.00

A coal crusher and sampler. This is for the purpose of saving the time of one engineer. At present it requires somewhere from $150 to $200 of one engineer's time to furnish the samples. This will require $365.00

Storm sash for first halls are needed for the purpose of saving heat and making it possible for patients to sit in a large bay in the end of the hall during cold months of the year. It is in line with recommendations of the committee sent here from the State House during the war period and which we have been doing gradually every year since then. The cost is estimated at $165.00.

The necessary repairs to building, including repairs to gutters and conductors, pointing of brick work and slate work and a little painting, will require $5,313.00.

Painting and decorating the chapel. Owing to leaks in the chapel roof during the last two or three seasons, the paint on our chapel walls and ceiling has peeled off in numerous places and has become sadly stained. Now that the chapel roof and gutter have been repaired, these walls can be repaired and decorated with the expectation that leaks will not further deface them. The amount asked for is based on an estimate given by local decorators, namely, $500.00.

An extractor for the laundry is needed to supplement the present laundry machinery, which is not able to take care of our present numbers, and we are expected to care for a very considerable increase in number of

both patients and employees, beginning at the present time. The estimated cost of this is $2,325.00.

For machine shop tools which our work in the past has demonstrated are much needed, will be required the sum of $260.00

A pipe threading machine, which will thread both pipes and bolts from ¼″ to 2″ is needed, as our present machine threads up to 6″ and is too large for small pipe and bolt work. The cost will be $478.20.

Increased water supply to hot water service heaters is required. Two new buildings have been added since the present service was installed. There is now an increased demand for hot water, which at times we are unable to supply adequately, and with the use of the two new buildings just erected, we shall be seriously handicapped unless we can increase this supply. The estimated cost is $295.00.

Wire guards around switchboard for the protection of patients and employees who are employed in the engine room, will need $130.00.

A railing on the chapel balcony and at the front entrance of the administration building is needed. The balcony in the chapel is rather low and there is a feeling of insecurity and danger of falling to people occupying the balcony, when standing. At the front entrance, the steps are wide and with no hand rail. Quite frequently someone, especially an old person, in entering or leaving, stumbles and falls. The cost of this project will be $349.96.

Wire guards over radiators in S.I. 1, S.I. 2, S.I. 3, N.I. 1, N.I. 2 and N.I. 3. These wards are the infirmary or hospital wards, where patients are feeble and guards are necessary to keep patients from coming in contact with the hot radiators. For this is needed $279.48.

Carborundum brick for boiler furnaces. With the stokers now in use, there is a blow-torch effect which eats out the side walls very rapidly, and clinker forms both on side walls and on bridge walls. With the carborundum brick installed, we expect to eliminate the formation of clinker as well as renewal of side walls. The estimated cost of this is $859.00.

A salvage yard is a necessity for the institution for the saving and storage of farm tools and second-hand materials. We shall do the erection with farm and patient labor and the price for the materials will be $2,100.00.

Enclosing balcony at south infirmary. When the south infirmary was erected the balcony was enclosed two stories in height and made into sun rooms, the nurses occupying the upper floor as a nurses' home and having access to an open balcony. This is extremely dangerous for the patients who are to occupy the upper floor in that building. To enclose this, not only will protect that part of the building, but will make available a large room with increased accommodations for patients' use. The cost is estimated at $3,000.00.

Extension of the bay window to the fourth floor of the administration building. This window now goes to the third floor, just under the eaves of the wing for female patients, where it joins the administration building. Every winter, snow and ice gather there, causing the backing of water from rains and melting snow, to the destruction of the ceilings below. This will be obviated by carrying the bay window up one story and will also give us increased space in the adjoining room. This will require $500.00.

For a more detailed account of the finances and of the operation of the institution, we refer to the reports of the treasurer and the superintendent appended to ours.

Respectfully submitted,

EMILY N. NEWTON, GEORGE C. LUNT,
CAROLINE A. YALE, A. M. DARLING,
LUKE CORCORAN, EDWARD C. GERE,
CHARLES W. KING.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

The superintendent's report of the affairs of the hospital for 1925 is hereby respectfully submitted.

Movement of Population

On October 1, 1924, there were 1273 patients on our books. During the year 532 patients were admitted, making a total enrollment of 1805. There were dismissed 434, leaving 1371 at the end of the year enrolled as follows: in the hospital 1138, in family care 9, on visit 195, and on escape 29.

The daily average number cared for was 1090, the largest number on any one day being 1138.

Admissions

The number of admissions, 532, was larger than in any previous year. These included 90 readmissions, that is, patients who had been committed formerly to an institution for the care of the insane. Six of the first admissions were voluntary cases and 35 were temporary care cases and observation cases who were dismissed without being committed. Deducting these leaves 401, who are the first admissions considered in the statistical tables accompanying this report.

Of these 401 first admissions, 147—36%—were of foreign birth; 243—60%—were of foreign parentage. The places of nativity of the foreign born were as follows: Ireland, 33 patients; Poland, 24; Canada, 21; Russia, 9; Austria, 8; Germany, 8; England, 7; Lithuania, 4; Greece, 3; Belgium, 2; Bohemia, 2; Czecho-Slovakia, 2; France, 2; Scotland, 2; Sweden, 2; Hungary, 1; South Africa, 1.

The psychoses of those first admitted were unfavorable for recovery in the majority of cases, including 125 cases of dementia præcox, 61 of senile types and of cerebral arterio-sclerosis, 24 of general paralysis, and 9 others with cerebral syphilis.

Of the manic-depressive psychosis, from which group come most of the recoveries, there were 47 cases.

Forty-eight of the first admissions were seventy years of age or older, and of these 20 were over eighty years old.

Dismissals

Four hundred and thirty-four patients were dismissed; of these 68 were discharged as recovered, 85 as improved, 27 as unimproved and 19 as not insane,—these latter including temporary care, observation and voluntary commitment cases.

The Department of Mental Diseases transferred 92 patients to other institutions in the state as follows: 71 to Worcester State Hospital, 3 to Medfield State Hospital, 1 each to Taunton State Hospital, Monson State Hospital and Bridgewater State Farm, and 15 to the United States Veteran's Hospital No. 95.

Many patients were allowed to leave the hospital on trial visit, of whom 211 were out on visit at the end of the year.

One hundred and forty-three patients died during the year, the chief causes of death being as follows: chronic nephritis 23 cases, cerebral hemorrhage 22 cases, myocarditis 22 cases, general paralysis 21 cases. Fifty-eight of the patients who died were over seventy years of age, 23 being over eighty years of age.

Medical care of so large a number of cases and especially of so many newly admitted patients entails much work. This routine work includes physical and mental examinations of the new patients, vaccination and typhoid prophylaxis of both patients and employees, analyses of blood

and urine, examinations of blood and spinal fluid for syphilis, and the like.

Tests for syphilis were made with the following results: of 901 blood tests 781 were found negative, 94 positive and 26 doubtful; of 106 spinal fluid tests, 44 were found negative, 38 positive and 24 doubtful.

To 63 patients were given 536 treatments of sulpharsphenamine with varying results. In some cases the symptons seemed ameliorated but in a large number no appreciable influence was noticeable.

Hydrotherapeutic measures, the continuous bath, cold and warm packs, saline enemata, and the like have been used extensively and in many cases with marked benefit.

In recent years we have begun to receive cases of encephalitis lethargica. During the present year we have admitted fifteen cases. A few of these cases have died, several have shown sufficient improvement to warrant a trial at home, and others present no encouraging signs of probable improvement. It is an insidious disorder with a great variety of vague symptoms for which no specific treatment has yet been found. In our experience the best results are obtained from hydrotherapy.

The care of the teeth of the patients has been continued by the resident dentist, who reports the following work: fillings 357 amalgam, 330 cement and 83 synthetic; plates, 7 full plates, 5 partial and 17 repaired; cleanings 658; extractions 311; treatments 416; porcelain crowns 5; gold crowns 1; bridge work 2.

Considerable time was given to other than strictly medical activities,—including out-patient work, school clinics, consultations, court work, lectures to classes and the like.

Classes interested in economics, in sociology and in psychology from the three neighboring colleges made visits to the institution, and during the month of August two afternoons each week were devoted to clinical demonstrations to a class of students from the Smith College School for Social Work.

Out-Patient and Social Work

A daily average of about two hundred patients have been away from the hospital on trial visit during the year, so large a number being possible under the supervision of the social worker.

The weekly clinics have been continued at one of the following places in turn: Springfield, North Adams, Greenfield and Pittsfield. To these clinics come for personal interviews such patients as live in the vicinity; cases also who are referred by physician, by the Courts, by various social agencies and societies, and some who are sent by other individuals who themselves have received help.

Our assistant, Dr. Harriet Whitney, has continued regularly once a week the psychiatric examination of offenders brought before the Juvenile Court in Springfield. The officers of the Court have frequently expressed great appreciation of this service.

The examination of the retarded school children of our district has been conducted by our school clinic, consisting of Dr. Harriet Whitney assisted by the psychologist, Miss Faith Wells, and by the social worker, Miss Mary M. Whalen.

The activities of these clinics, of the Court work and of the school work have been reviewed at considerable length in former reports. A brief tabulation of them for the present year is recorded as follows.

Reports of patients out on visit 249; inquiries of friends and relatives at the clinics 419; consultations, 551 as follows: referred by the Courts 105, referred by schools 314 and by other agencies 132;—a total of 1219.

Training School for Nurses

Three student nurses entered the junior class on October 1, two completed their junior year and went to the Tewksbury State Infirmary on

October 1 to begin their intermediate year, and one returned from Tewksbury on September 1, having completed her intermediate year.

Three of our nurses were graduated; Elizabeth H. Barnes, Blanche Marier, and Angie E. Child. They later successfully passed the State Board examinations, receiving the coveted degree of R.N. Graduating exercises in their honor were held on the evening of October 23.

Occupational and Industrial Therapy

Much attention has been given to the application of the two agencies, work and play, that seem to be more potent than any remedy that can be given in tablet form or measured from a bottle by a teaspoon.

Patients have been employed to as great an extent as usual in every department of the institution; on the wards, in the kitchens and dining rooms, in the canning rooms, in the sewing and mending rooms, at the laundry, in the shops, on the farm, on the lawns and roadways, and in the excavating and grading for the new buildings.

Special work under our industrial teachers is shown by the following list of articles made: 675 pieces of crocheting and knitting,—yokes, doilies, scarfs, sweaters, caps, mittens, face cloths; 6 pairs of booties, slippers and socks; 88 yards of edging; 57 yards of tatting for edging; 299 yards of spool knitting and lace; 19 tassels for window shades; 1,778 pieces hemmed, hemstitched or embroidered; 19 appliqued door panels; 66 pairs of curtains and valances; one baby-carriage cover, buffet sets, luncheon sets, table runners, towels and pillow cases made and embroidered; 194 pieces of weaving,—table runners, pillow covers, and rugs; 134 pieces of reed and raffia basketry,—vases, bowls, trays, baskets; quantities of burlap bags were raveled and put into skeins for weaving; for entertainments there were made headdresses, wands and other decorations; for the masquerade 15 costumes were made.

In the men's department 689 pairs of shoes were soled, heeled and patched; 505 mattresses were made of old material, 249 of new material; 329 pillows of old material and 183 of new; 690 brooms were made, 395 rugs were made,—hemp, burlap, rag and hooked; 87 chairs were caned; 345 pairs of socks were made; 7 chairs and couches were upholstered; 274 pairs of overalls were made; 118 frocks; 27 white coats; 26 hydro mattresses and pillows; 58 canvas mattresses; 10 settee cushions; 84 pieces of basketry,—laundry baskets and hand baskets.

Frequent entertainments were held during the cooler months of the year, weekly dances, moving pictures, concerts and the like.

Special occasions were the masquerade ball on February 18, Hallowe'en party with games and refreshments, and observances of the holidays, Fourth of July, Thanksgiving and Christmas. The festivities at Christmas included a special dinner, a concert by the Clef Club of Northampton, and a Christmas tree with distribution of presents for all. The program for the holiday week was as follows:

Sunday, December 20—Religious Services.

Monday, December 21—Moving pictures, music by Hospital Orchestra.

Wednesday, December 23—Patients' Dance.

Thursday, December 24—Christmas Tree, Concert and Distribution of Gifts.

Friday, December 25—Christmas Dinner.

Saturday, December 26—Concert.

Two assemblies of patients for religious services were held on each Lord's day.

Farm

The head farmer's report makes a favorable showing of the farming activities and operations for the year. Crops generally were produced in larger quantities than during the previous year.

A portable irrigation system was tried out on the strawberries with such excellent results that we are encouraged to hope for an extension of system this coming year to ensure a good yield from such crops as are especially subject to loss from drought.

The daily average number of cows milked was 47 and the average production per cow for the year was 13,960 pounds. Some of the herd, all young animals of our own breeding, have made excellent records,—Nos. 404 and 415 each producing 17,000 pounds; Nos. 275 and 373 each 15,000 pounds; No. 442, 14,000 pounds; No. 443, 13,000 pounds and No. 455, 12,000 pounds;—the three last mentioned being first-year records. All of these are registered animals. Twelve heifers, all eligible for registry, will freshen during the year.

A number of good animals, both bulls and heifers, were sent to other institutions in the State, being desired for their breeding.

Seven animals were exhibited at the Eastern States Exposition, taking five prizes,—one a silver medal awarded by the State Department of Agriculture for the best three year old Holstein in milk.

The swine have done well, producing nearly 40,000 pounds of pork during the year.

A beginning was made with poultry, by the purchase of day-old chicks, 500 in number. At present 160 laying hens are kept, all that can be taken care of with the equipment now available. It is planned to double the number but expansion beyond this point is not advisable till a better location can be procured.

In addition to the regular farm work the teams have been used extensively in the excavating and grading for the new ward buildings now under construction.

The following is a list of the farm products raised during the year: Apples 183 barrels; 4,229 pounds of asparagus; 72 bushels of shell beans; 639 bushels of string beans; 427 bushels of beets; 129 bushels of beet greens; 6,680 pounds of beef; 661 pounds of broilers; 10 tons of cabbage; 345 bushels of carrots, 32 pounds of cauliflower; 6,675 pounds of celery; 286 bushels of sweet corn; 153 bushels of cucumbers; 70 hundredweight of cantaloupes; 226 quarts of cherries; 510 quarts of currants; 47 pounds of egg plant; 461 tons of ensilage; 33 bushels of grapes; 223 tons of hay; 144 tons of hay green; 850 tons of ice; 577 pounds of lettuce; 466 bushels of mangles; 676 bushels of onions; 60 bushels of parsnips; 56 bushels of peas; 47 pounds of peppers; 87 pounds of pumpkins; 3 bushels of peaches; 113 bushels of plums; 2,480 bushels of potatoes; 39,440 pounds of pork; 194 pounds of radishes; 14,957 pounds of rhubarb; 10 tons of rowen; 33 bushels of scallions; 733 bushels of spinach; 502 hundredweight of squash; 150 loads of sand; 500 tons of stone; 1,906 quarts of strawberries; 850 bushels of tomatoes; 188 bushels of turnips; 13 hundredweight of watermelons.

Repairs and Improvements

Much repair work is needed in buildings that have been in use so long as have ours, and new equipment and many replacements are required each year.

The most important piece of work of this nature during the past year has been the installation of automatic sprinklers and standpipes with hose attachments in attics and stairways. This work has been done under the direction of the Grinnell Company in the following places:—sprinklers were installed in the attics of the second, third and fourth halls south, of the south infirmary, of the second, third and fourth halls north, of the Earle building and of the shops; hose standpipes were erected in the stairways of the second halls north and south, in the stairway of the south infirmary and in the stairways and corridors of the new fourth halls north and south.

Much pointing of brick work, repairing of gutters, and in some places relaying of both slate and tin roofing and the like, has been done on the following buildings: the south and west sides of the administration building; roof and both sides of the chapel building and the south tower leading to the chapel gallery; three sides of the dormitory for women employees; three sides of the dormitory for male employees; front of the first halls north; front and back of the second halls north; front of the first halls south; rear of second halls south; the third halls south, the infirmary for women and all sides of the power house.

In place of our Ames Engine and 37½ K. W. generator was installed a direct current generating unit, consisting of a General Electric generator operated by an Ames Engine 14″ x 12″, which had been in use a number of years at the Danvers State Hospital.

A bin for broken stone was built at the stone crusher and an elevator and screen were installed.

Recording thermometers were installed in the meat, egg, butter and freezer rooms of the cold storage building.

An electric driven grinding machine was placed in the machine shop.

Reducing valves were placed on the high pressure main for control of the pressure to the basements and one also on the steam pipe supplying the kitchen.

A new water heater was installed at No. 1 greenhouse.

Meters were installed on the hot water heaters supplying the main building and the laundry.

Much recovering of steam pipes was done and rewiring of fixtures in the old halls.

The Standard Electric Time Company rewired the electric clock, changing from one to two circuits, connected to the system the clocks in the new fourth halls, and wired in a new battery-charging panel in the battery room.

Conduits and wire were put in place for a fire alarm box to be connected directly with the Northampton fire alarm system,—the alarm box itself being on the way here to be installed during the month of December.

There has been but one change in our corps of officers within the year. On August 31 Dr. Agnes B. Greig returned to the service. She was formerly in the service from May 15, 1923 to September 23, 1923 as Dr. Williamson.

Respectfully submitted,

J. A. HOUSTON, *Superintendent.*

VALUATION

November 30, 1925.

Real Estate	
Land, 513 acres	$167,700.00
Buildings	1,109,276.13
	$1,276,976.13
Personal Property	
Travel, Transportation and Office Expenses	$1,694.13
Food	10,544.68
Clothing and Materials	17,262.91
Furnishings and Household Supplies	74,161.30
Medical and General Care	1,350.46
Heat, Light and Power	5,814.10
Farm	40,126.81
Garage, Stable and Grounds	7,149.65
Repairs	21,084.57
	$179,188.61
Summary	
Real Estate	$1,276,976.13
Personal Property	179,188.61
	$1,456,164.74

TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1925:

Cash Account

Receipts

Income				
Board of patients		$94,087.13		
			$94,087.13	
Personal services:				
Reimbursement from Board of Retirement			98.50	
Sales:				
Food, meals and waste		$394.91		
Clothing and materials		103.47		
Medical and general care		6.00		
Farm:				
Cows and calves	$383.75			
Pigs and hogs	25.00			
Hides	40.74			
		449.49		
Arts and crafts sales		194.65		
			1,148.52	
Miscellaneous:				
Interest on bank balances		$368.21		
Rent		711.00		
Sundries, Veterans' Bureau, laundry work		4,177.72		
			5,256.93	
Total income				$100,591.08

Maintenance

Balance from previous year, brought forward	$12,010.24
Appropriations, current year	381,790.00
Total	$393,800.24
Expenses (as analyzed below)	369,093.52
Balance	$24,706.72

Analysis of Expenses

Personal services	$165,802.75
Religious instruction	1,220.00
Travel, transportation and office expenses	5,455.03
Food	71,989.37
Clothing and materials	7,021.66
Furnishings and household supplies	25,869.76
Medical and general care	11,203.36
Heat, light and power	31,711.11
Farm	19,983.19
Garage, stable and grounds	3,024.71
Repairs ordinary	12,751.67
Repairs and renewals	13,060.91
Total expenses for maintenance	$369,093.52

FINANCIAL REPORT

Special Appropriations

Balance December 1, 1924		$157,720.29
Appropriations for current year		120,880.00
Total		$278,600.29
Expended during the year (see statement below)	$161,373.95	
Reverting to Treasury of Commonwealth	4,000.00	
		165,373.95
Balance November 30, 1925, carried to next year		$113,226.34

Object	Act or Resolve	Whole Amount	Expended During Fiscal Year	Total Expended to Date	Balance at End of Year
Additional Fire Protection	Chap. 510, '24	$8,600.00	$5,731.00	$5,731.00	$2,869.00
Additional Sprinklers	126, '24 211, '25	14,555.00	7,404.03	7,404.03	7,150.97
Standpipes	126, '24	2,757.00	2,605.00	2,605.00	152.00
Sewer Connections	126, '24	600.00	–	581.28	18.72
Two Ward Buildings	126, '23 126, '24	100,000.00 170,500.00	125,508.28	262,838.71	7,661.29
New Ward Building	211, '25	103,500.00	20,125.64	20,125.64	83,374.36
Fire Protection, 1925	347, '25	12,000.00	–	–	12,000.00
Purchase of Courtney Property*	126, '23	4,000.00	–	–	4,000.00*
		$416,512.00	$161,373.95	$299,285.66	$117,226.34

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	$4,000.00
Balance carried to next year	113,226.34
Total as above	$117,226.34

PER CAPITA

During the year the average number of inmates has been 1,089.64
Total cost for maintenance, $369,093.52
Equal to a weekly per capita cost of $6.514 (52 weeks to year)
Receipt from sales, $1,148.52
Equal to a weekly per capita of $0.0203
All other institution receipts, $99,452.56
Equal to a weekly per capita of $1.7552
Net weekly per capita, $4.7383

Respectfully submitted,

EVA L. GRAVES, *Treasurer.*

Total receipts and payments are in agreement with Comptroller's books of account.
JAMES C. McCORMICK.

STATISTICAL TABLES

AS ADOPTED BY AMERICAN PSYCHIATRIC ASSOCIATION.

PRESCRIBED BY MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES.

TABLE 1. — *General Information.*

1. Date of opening as an institution for the insane: August 16, 1858
2. Type of institution: State
3. Hospital plant:

Real estate, including buildings and betterments	$1,270,356.42
Personal property	179,188.61
Total	$1,449,545.03

Total acreage of hospital property: 513½
Acreage under cultivation during year: 145

4. Medical service:

	Men	Women	Totals
Superintendents	1	–	1
Assistant physicians	2	4	6
Dentist	1	–	1
Medical internes	–	–	–
Clinical assistants	–	–	–
	4	4	8

5. Employees:

Graduate nurses	–	6	6
Other nurses and attendants	57	32	89
Social workers	–	1	1
All other employees	54	37	91
	111	76	187

6. Percentage of patients employed during year	71.68	65.52	68.6

TABLE 2. — *Financial Statement.*

See treasurer's report for data requested under this table.

TABLE 3. — *Movement of Patient Population for the Year ending September 30, 1925.*

	Insane			Other Classes: Sane, Voluntary			Other Classes: Temporary Care and Observation not Committed			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on books of institution, Sept. 30, 1924	611	661	1,272	–	1	1	–	–	–	611	662	1,273
Admissions during the year:												
a. First admissions	197	204	401	3	3	6	19	16	35	219	223	442
b. Readmissions	45	35	80	1	2	3	1	2	3	47	39	86
Total admissions	242	239	481	4	5	9	20	18	38	266	262	528
c. Transfers from other institutions for insane	2	2	4	–	–	–	–	–	–	2	2	4
2. Total received during year	244	241	485	4	5	9	20	18	38	268	264	532
3. Total under treatment during year	855	902	1,757	4	6	10	20	18	38	879	926	1,805
Discharged from books during year												
a. As recovered	31	33	64	–	–	–	2	2	4	33	35	68
b. As improved	36	44	80	–	–	–	4	1	5	40	45	85
c. As unimproved	8	9	17	–	–	–	3	7	10	11	16	27
d. As not insane	4	2	6	1	6	7	3	3	6	8	11	19
e. Transferred to other institutions for insane	49	43	92	–	–	–	–	–	–	49	43	92
f. Died during year	61	78	139	–	–	–	2	2	4	63	80	143
Nominally dismissed for commitment	–	–	–	–	–	–	–	–	–	–	–	–
4. Total discharged from books during year	189	209	398	1	6	7	14	15	29	204	230	434
5. Patients remaining on books of institution Sept. 30, 1925	666	693	1,359	3	–	3	6	3	9	675	696	1,371
Supplementary Data												
6. *a.* Average daily number of patients on books during year	629.02	670.89	1,299.91	.71	.83	1.54	1.44	.416	1.86	631.17	672.136	1,303.306
b. Average daily number of patients actually in institution during year	532.33	544.37	1,076.70	.71	.83	1.54	1.44	.416	1.86	534.48	545.616	1,080.196
7. *a.* Average daily number of patients in family care	–	10.24	10.24	–	–	–	–	–	–	–	10.24	10.24
b. Average daily number of patients on visit and escape	96.69	116.28	212.97	–	–	–	–	–	–	96.69	116.28	212.97
8. Number of voluntary patients admitted within the year	–	–	–	4	5	9	–	–	–	4	5	9
9. Number of temporary-care cases admitted within the year	129	129	258	–	–	–	20	19	39	149	148	297
10. Number of patients actually remaining in institution Sept. 30, 1925	554	572	1,126	3	–	3	6	3	9	563	575	1,138
State	–	–	–	–	–	–	–	–	–	–	–	–
Reimbursing	–	–	–	–	–	–	–	–	–	–	–	–
Private	–	–	–	–	–	–	–	–	–	–	–	–
11. Number of patients in family care Sept. 30, 1925	–	9	9	–	–	–	–	–	–	–	9	9
State	–	–	–	–	–	–	–	–	–	–	–	–
Private	–	–	–	–	–	–	–	–	–	–	–	–
Self-supporting	–	–	–	–	–	–	–	–	–	–	–	–
12. Number of different persons within the year	850	899	1,749	4	5	9	20	18	38	874	922	1,796
13. Number of different persons admitted from the community	244	241	485	4	5	9	20	18	38	268	264	532
14. Number of different persons dismissed, exclusive of transfers	139	166	305	1	5	6	14	15	29	154	186	340

	Males	Females	Totals
15. Number of non-insane patients or inmates in institution at end of institution year	3	–	3
b. Persons given advice or treatment in out-patient department during year	617	602	1,219

TABLE 4. — *Nativity of First Admissions and of Parents of First Admissions.*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
United States	127	126	253	75	78	153	72	74	146
Austria	4	4	8	4	4	8	7	9	16
Belgium	–	2	2	–	–	–	1	1	2
Bohemia	2	–	2	2	2	4	–	–	–
Canada	11	10	21	17	18	35	22	24	46
Czecho Slovakia	–	2	2	1	2	3	2	2	4
England	4	3	7	11	10	21	7	4	11
France	1	1	2	1	1	2	3	4	7
Germany	5	3	8	9	8	17	7	5	12
Greece	3	–	3	3	3	6	–	–	–
Hungary	–	1	1	2	–	2	1	1	2
Ireland	11	22	33	36	35	71	46	45	91
Italy	7	9	16	9	8	17	11	10	21
Lithuania	3	1	4	3	3	6	–	–	–
Poland	9	15	24	9	11	20	16	14	30
Russia	6	3	9	6	5	11	3	3	6
Scotland	2	–	2	3	2	5	1	1	2
South Africa	–	1	1	–	–	–	–	1	1
Sweden	1	1	2	1	1	2	2	2	4
Spain	–	–	–	–	–	–	1	–	1
Total foreign born	69	78	147	117	113	230	130	126	256
Unascertained	1	–	1	5	6	11	2	4	6
Grand total	197	204	401	197	197	394	204	204	408

TABLE 5. — *Citizenship of First Admissions.*

	Male	Female	Total
Citizens by birth	127	126	253
Citizens by naturalization	24	30	54
Aliens	43	48	91
Citizenship unascertained	3	–	3
Total	197	204	401

TABLE 6. — *Psychoses of First Admissions.*

Psychoses	M.	F.	T.	M.	F.	T.
1. Traumatic, total	–	–	–	–	1	1
(*a*) Traumatic delirium	–	1	1	–	–	–
2. Senile, total	–	–	–	14	15	29
(*a*) Simple deterioration	4	4	8	–	–	–
(*b*) Presbyophrenic type	2	2	4	–	–	–
(*c*) Delirious and confused states	3	4	7	–	–	–
(*d*) Depressed and agitated states	2	3	5	–	–	–
(*e*) Paranoid type	3	2	5	–	–	–
3. With cerebral arteriosclerosis	–	–	–	16	16	32
4. General paralysis	–	–	–	20	4	24
5. With cerebral syphilis	–	–	–	6	3	9
6. With Huntington's chorea	–	–	–	1	1	2
7. With brain tumor	–	–	–	–	1	1
8. With other brain or nervous diseases, total	–	–	–	3	9	12
1. Multiple sclerosis	–	1	1	–	–	–
2. Tabes dorsalis	–	1	1	–	–	–
3. Encephalitis lethargica	2	5	7	–	–	–
4. Undiagnosed	1	2	3	–	–	–
9. Alcoholic, total	–	–	–	32	6	38
(*a*) Pathological intoxication	–	1	1	–	–	–
(*c*) Korsakow's psychosis	2	–	2	–	–	–
(*d*) Acute hallucinosis	21	2	23	–	–	–
(*e*) Chronic hallucinosis	4	1	5	–	–	–
(*g*) Chronic paranoid type	5	2	7	–	–	–
10. Due to drugs and other exogenous toxins, total	–	–	–	–	1	1
(*a*) Opium (and derivatives), cocaine, bromides, etc.	–	1	1	–	–	–

TABLE 6. — *Psychoses of First Admissions* — Concluded.

PHYCHOSES	M.	F.	T.	M.	F.	T.
11. With pellagra	–	–	–	–	1	1
12. With other somatic diseases, total	–	–	–	11	13	24
(*a*) Delirium with infectious diseases	1	1	2	–	–	–
(*b*) Post infections psychosis	1	3	4	–	–	–
(*c*) Exhaustion delirium	2	2	4	–	–	–
(*d*) Delirium of unknown origin	1	2	3	–	–	–
(*e*) Cardio-renal diseases	5	4	9	–	–	–
(*f*) Diseases of the ductless glands	1	1	2	–	–	–
13. Manic-depressive, total	–	–	–	14	33	47
(*a*) Manic type	6	10	16	–	–	–
(*b*) Depressed type	5	11	16	–	–	–
(*c*) Stuporous type	–	2	2	–	–	–
(*d*) Mixed type	1	6	7	–	–	–
(*e*) Circular type	2	4	6	–	–	–
14. Involution melancholia	–	–	–	5	6	11
15. Dementia præcox, total	–	–	–	54	71	125
(*a*) Paranoid type	18	32	50	–	–	–
(*b*) Catatonic type	21	20	41	–	–	–
(*c*) Hebephrenic type	9	12	21	–	–	–
(*d*) Simple type	6	7	13	–	–	–
16. Paranoia or paranoid conditions	–	–	–	–	–	–
17. Epileptic, total	–	–	–	1	4	5
(*a*) Deterioration	–	2	2	–	–	–
(*b*) Clouded state	1	2	3	–	–	–
18. Psychoneuroses and neuroses, total	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	2	1	3
20. With mental deficiency	–	–	–	6	6	12
21. Undiagnosed	–	–	–	2	4	6
22. Without psychosis, total	–	–	–	10	8	18
(*b*) Alcoholism without psychosis	1	–	1	–	–	–
(*d*) Psychopathic personality without psychosis	1	2	3	–	–	–
(*e*) Mental deficiency, without psychosis	5	2	7	–	–	–
(*f*) Border-line condition	2	1	3	–	–	–
(*g*) Question of insanity	1	–	1	–	–	–
(*h*) Inadequate personality	–	1	1	–	–	–
(*i*) Defective delinquent	–	2	2	–	–	–
Total	–	–	–	197	204	401

TABLE 7. — *Race of First Admissions classified with Reference to Psychoses.*

RACE	TOTAL			TRAUMATIC			SENILE			WITH CEREBRAL ARTERIO-SCLEROSIS			GENERAL PARALYSIS			CEREBRAL SYPHILIS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Dutch and Flemish	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	10	5	15	–	–	–	2	–	2	–	3	3	1	–	1	–	–	–
French	18	24	42	–	1	1	–	1	1	–	1	1	2	2	4	–	–	–
German	8	6	14	–	–	–	2	–	2	–	1	1	1	–	1	–	–	–
Greek	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	37	44	81	–	–	–	3	3	6	6	1	7	2	1	3	–	–	–
Italian	9	11	20	–	–	–	–	1	1	–	2	2	3	–	3	–	–	–
Lithuanian	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	4	3	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic	23	23	46	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1
Mixed	77	76	153	–	–	–	7	10	17	10	7	17	11	1	12	5	2	7
Total	197	204	401	–	1	1	14	15	29	16	16	32	20	4	24	6	3	9

TABLE 7. — *Race of First Admissions classified with Reference to Psychoses* — Continued.

Race	Huntington's Chorea			With Brain Tumor			With Other Brain or Nervous Diseases			Alcoholic			Due to Drugs and Other Exogenous Toxins		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	–	–	–	–	1	1	–	3	3	4	–	4	–	–	–
German	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Irish	–	–	–	–	–	–	–	1	1	7	1	8	–	–	–
Italian	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Scotch	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–
Slavonic	–	–	–	–	–	–	1	1	2	10	2	12	–	–	–
Mixed	1	1	2	–	–	–	–	3	3	6	2	8	–	1	1
Total	1	1	2	–	1	1	3	9	12	32	6	38	–	1	1

TABLE 7. — *Race of First Admissions classified with Reference to Psychoses* — Continued.

Race	With Pellagra			With Other Somatic Diseases			Manic Depressive			Involution Melancholia			Dementia Præcox		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2
English	–	–	–	1	–	1	–	–	–	1	–	1	5	2	7
French	–	–	–	4	–	4	–	3	3	–	1	1	5	9	14
German	–	–	–	–	–	–	–	–	–	–	–	–	2	3	5
Greek	–	–	–	–	–	–	–	–	–	–	–	–	3	–	3
Hebrew	–	–	–	–	–	–	1	–	1	–	–	–	–	2	2
Irish	–	1	1	1	3	4	1	10	11	2	3	5	12	19	31
Italian	–	–	–	–	1	1	1	3	4	–	–	–	2	3	5
Lithuanian	–	–	–	–	–	–	1	–	1	–	–	–	1	2	3
Magyar	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1
Scandinavian	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Scotch	–	–	–	–	1	1	1	–	1	–	–	–	1	1	2
Slavonic	–	–	–	–	2	2	3	4	7	–	–	–	9	8	17
Mixed	–	–	–	5	6	11	5	10	15	2	2	4	13	19	32
Total	–	1	1	11	13	24	14	33	47	5	6	11	54	71	125

TABLE 7. — *Race of First Admissions classified with Reference to Psychoses* — Concluded.

Race	Epileptic			With Psychopathic Personality			With Mental Deficiency			Undiagnosed			Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	–	1	1	–	–	–	–	1	1	–	–	–	3	–	3
German	–	–	–	1	–	1	–	–	–	–	2	2	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Irish	1	–	1	–	–	–	–	–	–	1	–	1	1	1	2
Italian	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Scotch	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Slavonic	–	1	1	–	–	–	–	2	2	–	–	–	–	1	1
Mixed	–	2	2	1	1	2	5	2	7	1	2	3	5	5	10
Total	1	4	5	2	1	3	6	6	12	2	4	6	10	8	18

TABLE 8. — *Age of First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Under 15 Years			15–19 Years			20–24 Years			25–29 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
2. Senile	14	15	29	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	16	16	32	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	20	4	24	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	6	3	9	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	3	9	12	1	–	1	–	–	–	–	1	1	–	1	1
9. Alcoholic	32	6	38	–	–	–	–	–	–	1	–	1	4	–	4
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	11	13	24	–	–	–	–	1	1	–	–	–	1	2	3
13. Manic-depressive	14	33	47	–	–	–	2	2	4	–	2	2	1	3	4
14. Involution melancholia	5	6	11	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	54	71	125	–	–	–	7	5	12	9	7	16	11	6	17
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	4	5	–	1	1	–	–	–	–	–	–	–	1	1
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	2	1	3	–	–	–	–	–	–	1	–	1	–	–	–
20. With mental deficiency	6	6	12	–	–	–	–	2	2	1	–	1	1	1	2
21. Undiagnosed	2	4	6	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	10	8	18	–	–	–	1	2	3	2	–	2	1	1	2
Total	197	204	401	1	1	2	10	13	23	14	10	24	19	15	34

TABLE 8. — *Age of First Admissions classified with Reference to Principal Psychoses* — Continued.

Psychoses	30–34 Years			35–39 Years			40–44 Years			45–49 Years			50–54 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	2	–	2	6	–	6	5	2	7	2	–	2	3	–	3
5. With cerebral syphilis	1	–	1	–	2	2	1	–	1	3	–	3	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1
7. With brain tumor	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	1	1	1	2	3	1	1	2	–	1	1
9. Alcoholic	3	–	3	7	3	10	6	1	7	4	1	5	5	–	5
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	1	–	1	–	1	1	1	2	3	1	2	3
13. Manic-depressive	3	5	8	2	3	5	1	6	7	3	4	7	1	4	5
14. Involution melancholia	–	–	–	–	–	–	–	–	–	2	1	3	1	1	2
15. Dementia præcox	9	7	16	7	13	20	5	9	14	4	6	10	1	7	8
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	1	1	1	–	1	–	1	1
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–
20. With mental deficiency	1	1	2	–	–	–	1	1	2	2	1	3	–	–	–
21. Undiagnosed	1	–	1	–	2	2	–	–	–	–	–	–	–	1	1
22. Without psychosis	1	–	1	1	1	2	2	1	3	2	1	3	–	1	1
Total	22	13	35	24	26	50	22	26	48	26	17	43	12	19	31

TABLE 8. — *Age of First Admissions classified with Reference to Principal Psychoses* —Concluded.

Psychoses	55–59 Years			60–64 Years			65–69 Years			70–74 Years			75–79 Years			Over 80 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	2	1	3	1	5	6	3	2	5	8	7	15
3. With cerebral arteriosclerosis	2	1	3	2	–	2	4	3	7	4	4	8	3	5	8	1	3	4
4. General paralysis	2	1	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	2	1	3	2	2	4	2	2	4	1	–	1	–	–	–	–	–	–
13. Manic-depressive	–	1	1	–	2	2	–	1	1	–	–	–	–	–	–	1	–	1
14. Involution melancholia	1	1	2	–	1	1	1	2	3	–	–	–	–	–	–	–	–	–
15. Dementia præcox	1	4	5	–	6	6	–	1	1	–	–	–	–	–	–	–	–	–
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	10	10	20	6	17	23	9	11	20	6	9	15	6	7	13	10	10	20

TABLE 9. — *Degree of Education of First Admissions classified with Reference to Psychoses.*

Psychoses	Total			Illiterate			Reads and Writes			Common School			High School			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
2. Senile	14	15	29	1	2	3	6	3	9	6	10	16	1	–	1	–	–	–	–	–	–
3. With cerebral artcriosclerosis	16	16	32	1	3	4	5	2	7	8	9	17	2	1	3	–	1	1	–	–	–
4. General paralysis	20	4	24	2	1	3	2	1	3	8	2	10	7	–	7	1	–	1	–	–	–
5. With cerebral syphilis	6	3	9	–	1	1	3	–	3	3	2	5	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	1	1	2	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	3	9	12	–	–	–	2	2	4	1	7	8	–	–	–	–	–	–	–	–	–
9. Alcoholic	32	6	38	5	–	5	10	3	13	11	2	13	2	1	3	1	–	1	3	–	3
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	11	13	24	–	1	1	4	1	5	5	7	12	–	4	4	1	–	1	1	–	1
13. Manic-depressive	14	33	47	2	3	5	2	5	7	5	15	20	3	10	13	1	–	1	1	–	1
14. Involution melancholia	5	6	11	–	–	–	2	2	4	2	4	6	1	–	1	–	–	–	–	–	–
15. Dementia præcox	54	71	125	11	5	16	7	15	22	28	38	66	6	12	18	2	1	3	–	–	–
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	4	5	–	1	1	1	2	3	–	1	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	2	1	3	–	–	–	–	–	–	2	–	2	–	1	1	–	–	–	–	–	–
20. With mental deficiency	6	6	12	2	1	3	4	4	8	–	1	1	–	–	–	–	–	–	–	–	–
21. Undiagnosed	2	4	6	–	–	–	–	–	–	1	4	5	1	–	1	–	–	–	–	–	–
22. Without psychosis	10	8	18	3	1	4	2	2	4	4	4	8	–	1	1	1	–	1	–	–	–
Total	197	204	401	27	19	46	50	42	92	84	110	194	24	31	55	7	2	9	5	–	5

TABLE 10. — *Environment of First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Urban			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–
2. Senile	14	15	29	12	10	22	2	5	7
3. With cerebral arteriosclerosis	16	16	32	15	8	23	1	8	9
4. General paralysis	20	4	24	15	4	19	5	–	5
5. With cerebral syphilis	6	3	9	4	2	6	2	1	3
6. With Huntington's chorea	1	1	2	1	1	2	–	–	–
7. With brain tumor	–	1	1	–	1	1	–	–	–
8. With other brain or nervous diseases	3	9	12	3	6	9	–	3	3
9. Alcoholic	32	6	38	25	3	28	7	3	10
10. Due to drugs and other exogenous toxins	–	1	1	–	1	1	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–
12. With other somatic diseases	11	13	24	8	9	17	3	4	7
13. Manic-depressive	14	33	47	10	24	34	4	9	13
14. Involution melancholia	5	6	11	4	3	7	1	3	4
15. Dementia præcox	54	71	125	41	56	97	13	15	28
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–
17. Epileptic	1	4	5	1	4	5	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	2	1	3	2	1	3	–	–	–
20. With mental deficiency	6	6	12	2	4	6	4	2	6
21. Undiagnosed	2	4	6	2	4	6	–	–	–
22. Without psychosis	10	8	18	9	6	15	1	2	3
Total	197	204	401	154	149	303	43	55	98

TABLE 11. — *Economic Condition of First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Dependent			Marginal			Comfortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
2. Senile	14	15	29	1	1	2	8	10	18	4	4	8	1	–	1
3. With cerebral arteriosclerosis	16	16	32	1	–	1	11	10	21	4	6	10	–	–	–
4. General paralysis	20	4	24	–	–	–	18	4	22	2	–	2	–	–	–
5. With cerebral syphilis	6	3	9	–	–	–	6	3	9	–	–	–	–	–	–
6. With Huntington's chorea	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
8. With other brain or nervous diseases	3	9	12	–	2	2	3	6	9	–	1	1	–	–	–
9. Alcoholic	32	6	38	1	1	2	28	5	33	3	–	3	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
12. With other somatic diseases	11	13	24	–	–	–	9	10	19	2	3	5	–	–	–
13. Manic-depressive	14	33	47	–	1	1	10	29	39	4	3	7	–	–	–
14. Involution melancholia	5	6	11	–	–	–	5	4	9	–	2	2	–	–	–
15. Dementia præcox	54	71	125	2	3	5	47	59	106	4	9	13	1	–	1
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	4	5	–	–	–	1	4	5	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	2	1	3	–	–	–	2	1	3	–	–	–	–	–	–
20. With mental deficiency	6	6	12	–	1	1	5	5	10	1	–	1	–	–	–
21. Undiagnosed	2	4	6	–	–	–	2	4	6	–	–	–	–	–	–
22. Without psychosis	10	8	18	2	4	6	7	3	10	1	1	2	–	–	–
Total	197	204	401	8	13	21	162	161	323	25	30	55	2	–	2

TABLE 12. — *Use of Alcohol by First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
2. Senile	14	15	29	6	14	20	6	1	7	1	–	1	1	–	1
3. Cerebral arteriosclerosis	16	16	32	7	15	22	8	–	8	1	1	2	–	–	–
4. General paralysis	20	4	24	5	3	8	9	–	9	4	–	4	2	1	3
5. With cerebral syphilis	6	3	9	2	2	4	2	1	3	2	–	2	–	–	–
6. With Huntington's chorea	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	3	9	12	2	8	10	–	–	–	1	–	1	–	1	1
9. Alcholic	32	6	38	–	–	–	–	–	–	32	6	38	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	11	13	24	5	12	17	3	1	4	3	–	3	–	–	–
13. Manic-depressive	14	33	47	11	30	41	1	2	3	2	–	2	–	1	1
14. Involution melancholia	5	6	11	1	6	7	3	–	3	1	–	1	–	–	–
15. Dementia præcox	54	71	125	31	62	93	14	6	20	7	–	7	2	3	5
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	4	5	1	3	4	–	1	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	2	1	3	2	1	3	–	–	–	–	–	–	–	–	–
20. With mental deficiency	6	6	12	3	6	9	–	–	–	2	–	2	1	–	1
21. Undiagnosed	2	4	6	–	4	4	1	–	1	1	–	1	–	–	–
22. Without psychosis	10	8	18	6	8	14	3	–	3	1	–	1	–	–	–
Total	197	204	401	82	178	260	51	12	63	58	8	66	6	6	12

TABLE 13. — *Marital Condition of First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Single			Married			Widowed			Separated			Divorced			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	14	15	29	2	2	4	2	2	4	9	11	20	–	–	–	1	–	1	–	–	–
3. With cerebral arteriosclerosis	16	16	32	3	3	6	8	3	11	5	10	15	–	–	–	–	–	–	–	–	–
4. General paralysis	20	4	24	5	–	5	11	4	15	1	–	1	2	–	2	–	–	–	1	–	1
5. With cerebral syphilis	6	3	9	–	–	–	5	2	7	–	–	–	1	–	1	–	1	1	–	–	–
6. With Huntington's chorea	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	3	9	12	1	2	3	1	5	6	1	1	2	–	–	–	–	1	1	–	–	–
9. Alcoholic	32	6	38	12	1	13	17	3	20	2	1	3	1	1	2	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	11	13	24	1	5	6	8	6	14	2	2	4	–	–	–	–	–	–	–	–	–
13. Manic-depressive	14	33	47	5	12	17	7	19	26	2	2	4	–	–	–	–	–	–	–	–	–
14. Involution melancholia	5	6	11	–	2	2	3	4	7	2	–	2	–	–	–	–	–	–	–	–	–
15. Dementia præcox	54	71	125	31	31	62	20	30	50	–	6	6	1	4	5	–	–	–	2	–	2
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	4	5	–	3	3	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	2	1	3	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	6	6	12	5	5	10	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	2	4	6	–	–	–	2	3	5	–	–	–	–	–	–	–	1	1	–	–	–
22. Without psychosis	10	8	18	8	6	14	2	1	3	–	–	–	–	–	–	–	1	1	–	–	–
Total	197	204	401	75	74	149	89	86	175	24	35	59	5	5	10	1	4	5	3	–	3

TABLE 14. — *Psychoses of Readmissions.*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic, total	–	–	–	1	–	1
(*a*) Traumatic delirium	1	–	1	–	–	–
2. Senile	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	1	–	1
4. General paralysis	–	–	–	3	–	3
5. Cerebral syphilis	–	–	–	–	–	–
6. Huntington's chorea	–	–	–	–	–	–
7. Brain tumor	–	–	–	–	–	–
8. With other brain or nervous diseases, total	–	–	–	–	1	1
(*a*) Encephalitis lithargica	–	1	1	–	–	–
9. Alcoholic, total	–	–	–	8	1	9
(*c*) Korsakow's psychosis	2	–	2	–	–	–
(*d*) Acute hallucinosis	4	–	4	–	–	–
(*e*) Chronic hallucinosis	1	–	1	–	–	–
(*g*) Chronic paranoid	1	1	2	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–
13. Manic-depressive, total	–	–	–	10	13	23
(*a*) Manic type	8	5	13	–	–	–
(*b*) Depressive type	1	3	4	–	–	–
(*c*) Stuporous type	–	3	3	–	–	–
(*d*) Mixed type	–	1	1	–	–	–
(*e*) Circular type	1	1	2	–	–	–
14. Involution melancholia	–	–	–	–	1	1
15. Dementia præcox, total	–	–	–	18	19	37
(*a*) Paranoid	5	9	14	–	–	–
(*b*) Catatonic	8	5	13	–	–	–
(*c*) Hebephrenic	3	3	6	–	–	–
(*d*) Simple	2	2	4	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–
18. Psychoneuroses and neuroses, total	–	–	–	1	–	1
(*a*) Psychasthenia	1	–	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–
20. With mental deficiency	–	–	–	2	–	2
21. Undiagnosed	–	–	–	–	–	–
22. Without psychosis, total	–	–	–	1	–	1
(*a*) Drug addiction without psychosis	1	–	1	–	–	–
Total	–	–	–	45	35	80

TABLE 15. — *Discharge of Patients classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES	TOTAL			RECOVERED			IMPROVED			UNIMPROVED			NOT INSANE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	1	2	–	1	1	–	–	–	1	–	1	–	–	–
2. Senile	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–
3. With cerebral arteriosclerosis	4	2	6	–	–	–	3	2	5	1	–	1	–	–	–
4. General paralysis	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
5. With cerebral syphilis	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	3	5	–	–	–	2	1	3	–	2	2	–	–	–
9. Alcoholic	24	2	26	18	–	18	5	2	7	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	1	9	10	1	5	6	–	3	3	–	1	1	–	–	–
13. Manic-depressive	14	29	43	12	22	34	1	7	8	1	–	1	–	–	–
14. Involution melancholia	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
15. Dementia præcox	25	26	51	–	–	–	22	22	44	3	4	7	–	–	–
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	2	1	3	–	–	–	1	1	2	1	–	1	–	–	–
20. With mental deficiency	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
21. Undiagnosed	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
22. Without psychosis	4	2	6	–	–	–	–	–	–	–	–	–	4	2	6
Total	79	88	167	31	33	64	36	44	80	8	9	17	4	2	6

TABLE 16. — *Causes of Death of Patients classified with Reference to Principal Psychoses.*

Cause of Death	Total			Senile			With Cerebral Arterio-sclerosis			General Paralysis			With Cerebral Syphilis			With Huntington's Chorea			With Other Brain or Nervous Diseases			Alcoholic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General Diseases																								
Alcoholism, acute	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
Addison's disease	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of breast	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of intestine	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of liver	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of stomach	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas of face	1	2	3	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Influenza	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lethargic encephalitis	–	4	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	4	–	–	–
Myxoedema	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pernicious anæmia	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary tuberculosis	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Tubercular peritonitis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nervous System																								
Cerebral embolus and thrombosis	1	13	14	–	–	–	–	4	4	–	–	–	–	3	3	–	–	–	–	1	1	–	–	–
Cerebral hemorrhage	11	11	22	2	4	6	4	5	9	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1
General paralysis	17	4	21	–	–	–	–	–	–	17	4	21	–	–	–	–	–	–	–	–	–	–	–	–
Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Infection of lateral sinus	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple sclerosis	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
Otitis media, acute	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Respiratory System																								
Broncho-pneumonia	3	2	5	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lobar-pneumonia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Circulatory System																								
Chronic endocarditis and myocarditis	7	15	22	3	7	10	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2
Digestive System																								
Acute gastro-enteritis	–	3	3	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Genito-Urinary System																								
Nephritis, chronic	14	9	23	4	4	8	2	4	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
External Causes																								
Pneumonia due to inhalation of fluid	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sunstroke	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	61	78	139	11	17	28	7	17	24	17	4	21	–	3	3	–	1	1	–	10	10	6	1	7

TABLE 16. — *Causes of Death of Patients classified with Reference to Principal Psychoses* — Concluded.

Cause of Death	With Other Somatic Diseases			Manic-Depressive			Involution Melancholia			Dementia Præcox			Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General Diseases															
Alcoholism, acute	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Addison's disease	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of breast	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Carcinoma of intestine	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of liver	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Carcinoma of stomach	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Erysipelas of face	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Influenza	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–
Lethargic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Myxoedema	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Pernicious anæmia	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary tuberculosis	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Tubercular peritonitis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Nervous System															
Cerebral embolus and thrombosis	–	2	2	–	–	–	–	1	1	1	2	3	–	–	–
Cerebral hemorrhage	–	–	–	–	–	–	–	–	–	2	1	3	2	–	2
General paralysis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Infection of lateral sinus	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple sclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Otitis media, acute	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Respiratory System															
Broncho-pneumonia	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–
Lobar-pneumonia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Circulatory System															
Chronic endocarditis and myocarditis	–	1	1	–	1	1	–	–	–	3	3	6	–	–	–
Digestive System															
Acute gastro-enteritis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Genito-Urinary System															
Nephritis, chronic	6	–	6	–	–	–	1	–	1	1	1	2	–	–	–
External Causes															
Pneumonia due to inhalation of fluid	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Sunstroke	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Total	7	8	15	2	3	5	1	1	2	8	12	20	2	1	3

TABLE 17. — *Age of Patients at Time of Death classified with Reference to Principal Psychoses.*

Psychoses	Total			Under 15 Years			15–19 Years			20–24 Years			25–29 Years			30–34 Years			35–39 Years			40–44 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	11	17	28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	7	17	24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	17	4	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	3	2	5
5. With cerebral syphilis	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	10	10	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	3	3
9. Alcoholic	6	1	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	7	8	15	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
13. Manic-depressive	2	3	5	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
14. Involution melancholia	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	8	12	20	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	1	1
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Total	61	78	139	–	–	–	–	–	–	–	1	1	–	2	2	1	–	1	4	3	7	3	7	10

TABLE 17. — *Age of Patients at Time of Death classified with Reference to Principal Psychoses.* — Concluded.

Psychoses	45–49 Years			50–54 Years			55–59 Years			60–64 Years			65–69 Years			70–74 Years			75–79 Years			Over 80 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	3	–	3	1	1	2	1	2	3	5	3	8	1	11	12
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	2	1	3	1	1	2	1	6	7	3	2	5	–	7	7
4. General paralysis	4	1	5	5	–	5	1	1	2	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	1	1	–	2	2	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
9. Alcoholic	1	–	1	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	1	1	2	1	2	3	–	1	1	1	–	1	1	1	2	2	2	4	–	–	–	1	–	1
13. Manic-depressive	1	1	2	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
14. Involution melancholia	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
15. Dementia præcox	2	1	3	–	2	2	3	1	4	1	1	2	–	1	1	–	1	1	–	2	2	1	1	2
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
Total	9	5	14	6	8	14	4	5	9	9	4	13	6	4	10	6	13	19	9	7	16	4	19	23

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Psychoses.*

Psychoses	Total			Less than 1 Month			1–3 Months			4–7 Months			8–12 Months			1–2 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	11	17	28	5	2	7	4	4	8	–	2	2	1	–	1	–	7	7
3. With cerebral arteriosclerosis	7	17	24	2	4	6	2	3	5	1	3	4	–	3	3	2	3	5
4. General paralysis	17	4	21	4	–	4	2	1	3	2	1	3	1	–	1	5	2	7
5. With cerebral syphilis	–	3	3	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	10	10	–	4	4	–	3	3	–	–	–	–	–	–	–	2	2
9. Alcoholic	6	1	7	3	–	3	1	–	1	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	7	8	15	4	4	8	2	2	4	1	–	1	–	1	1	–	1	1
13. Manic-depressive	2	3	5	–	1	1	–	1	1	1	–	1	–	–	–	1	1	2
14. Involution melancholia	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	8	12	20	1	2	3	1	–	1	–	–	–	–	–	–	1	3	4
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	1	3	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Total	61	78	139	19	18	37	12	17	29	5	6	11	2	4	6	9	19	28

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Psychoses.* — Concluded.

Psychoses	3–4 Years			5–10 Years			10–15 Years			15–20 Years			20 Years and Over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	1	–	1	–	2	2	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
4. General paralysis	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	1	–	1	–	–	–	1	1	2	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13. Manic-depressive	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14. Involution melancholia	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	2	1	3	–	3	3	1	1	2	1	–	1	1	2	3
16. Paranoia and paranoic conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
Total	9	3	12	–	5	5	2	4	6	1	–	1	2	2	4

TABLE 19. — *Family-care Department.*

	M.	F.	T.
Remaining October 1, 1924	–	11	11
Committed within the year	–	1	1
Whole number of cases within the year	–	12	12
Dismissed within the year	–	3	3
Returned to institution	–	2	2
Discharged	–	1	1
Died	–	–	–
Escaped	–	–	–
Remaining September 30, 1925	–	9	9
Supported by State			
Private			
Self-supporting			
Number of different persons within the year	–	11	11
Number of different persons admitted	–	1	1
Number of different persons dismissed	–	1	1
Daily average number	–	10.24	10.24
State			
Private			
Self-supporting			

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Public Document No. 21

The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1926

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON FINANCE AND ADMINISTRATION
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DEPARTMENT OF MENTAL DISEASES
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OF THE

NORTHAMPTON STATE HOSPITAL

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Mr. Charles W. King, Chicopee Falls
Mr. Albert M. Darling, *Secretary*. Sunderland

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Edward W. Whitney, M.D., *Assistant Superintendent*
Angela Bober, A. B., M.D., *Senior Assistant Physician*
Elizabeth A. Thomas, M.D., *Assistant Physician*
Harry J. Hill, M.D., *Assistant Physician*
Ruth Tustin, M.D., *Assistant Physician*
Harriet W. Whitney, M.D., *Physician to Out-Patient and Social Service Departments.*
Lucien H. Harris, D.D.S., *Dentist*
Frank W. Smith, *Steward*

NON-RESIDENT OFFICERS

Miss Eva L. Graves, *Chief Clerk and Treasurer (office at the hospital)*

HEADS OF DEPARTMENTS

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Mr. John Daniel, *Head Farmer*
Miss Alice E. Bedell, R. N., *Superintendent of Nurses*
Miss Anna G. Rogers, *Head Dietitian*
Miss S. E. Warren, *Matron*
Mrs. Margaret F. Eliot, *Social Service Worker*
Miss A. Elizabeth Stubbs, *Assistant Psychologist*
Miss Doris E. Montgomery, *Head Occupational Therapist*

Commonwealth of Massachusetts

TRUSTEES' REPORT

To His Excellency the Governor of the Commonwealth and the Honorable Council:

The trustees of the Northampton State Hospital hereby submit their report of the affairs of the institution for the fiscal year ending November 30, 1926.

From the reports of the superintendent and the treasurer it appears to have been a very active year, with more business and a larger number of patients to care for than in any previous year.

The daily average number of patients maintained, 1172, was larger by 82 than the number cared for in the year before. Some increase in the number of admissions is to be expected from the growth in population of the district served by our institution, and a gradual accumulation of unrecovered cases is inevitable

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because of the large number of cases among those admitted of purely custodial types. This accumulation has been cared for heretofore by the transfer of patients to other institutions, averaging 92 a year over a long period of years. During the three years preceding 1926 the number of patients transferred has averaged 114 per year, but in the present year only 57 were transferred.

The total cost of maintenance for the year was $382,366.40. By deducting the receipts from board of patients, from sales and from other sources, the net cost per patient appears to be $4.29 per week.

We are requested by the Department of Mental Diseases to make estimates for the maintenance of 1350 patients the coming year. This is with the expectation of caring for most of the patients of our district in our own institution, and that further transferring of some of them to other institutions will hereafter be unnecessary. This probably will prove to be true with respect to the female patients, because the new ward building under construction and the addition to the infirmary for women, nearing completion, will afford extra accommodations sufficient to care for all the women we have and are likely to receive for two or three years to come, but already we are cramped for room for male patients. We therefore shall need a new ward building for male patients and we shall be crowded on the men's side of the institution before additional accommodations can be provided, even if the Legislature of 1927 makes an appropriation for this purpose.

Much more urgent than a new ward building is additional provision for housing our employees. Our present quota of employees is 263, which must soon be added to because of the increased numbers of patients to be cared for the coming year, yet we have at present living quarters only for 163 employees, 100 less than our present quota. We call attention to the extreme urgency for a new building for this purpose.

With the expansion of the institution in the next few years to provide accommodations for all mental cases in our district, we shall need more land, not only to replace land taken for building sites, present and prospective, but to increase the acreage under cultivation, and pasturage, in order that more vegetables, fruit and milk may be raised to supply the prospective increase in our population. As a matter of fact our acreage has been far too small for the past twenty years. From five hundred to a thousand acres would be desirable. Several pieces of land that join our property should be purchased at once, to keep neighbors from too close proximity to the buildings where patients are housed.

Again we call attention to our request for an appropriation for the rebuilding of the recreation building for men that was destroyed by fire. This was of inestimable value to the hospital, helping in the restoration of patients who are getting well, and adding to the comfort of those who must remain here. Its loss is a great deprivation. It was built through the generosity of the wife of one of our former trustees who had served the State and the hospital faithfully for a long period, twenty-four years. For its intrinsic value to the institution and as a matter of courtesy to the donor, and of appreciation, we sincerely hope it may be rebuilt.

In an institution so large and so old as ours, many repairs and renewals are needed that cannot be undertaken with the allowance in our budget allotted for ordinary upkeep. We present a list of such as will be needed the coming year, with explanations of the needs, and with costs thereof, as nearly as can be ascertained:

Carborundum brick for boiler furnaces. These bricks are for use along the grate line both on side walls and bridge walls of furnaces where the heat is most intense and where clinkers adhere to the brick work. These bricks will outlast the best fire bricks many times over and clinkers do not adhere to them. This would reduce the cost of furnace maintenance and would shorten the time required for cleaning fires, thus increasing furnace efficiency. The estimated cost is $859.00.

Replacing of reducing valves to the heating system and main barn. The reducing valve to the heating system, one 5 inch Fisher valve, is of the double seated balanced type. It is leaking steam to such an extent that it does not control properly, making necessary partial hand control by throttling through the shut-off valve. To make repairs on this valve it would be necessary to send it to the factory where new seats and discs could be installed. This would cost approximately one-third of what the valve is worth. We desire to replace this valve with two smaller valves of the single seated "Kiley" type, which would give closer regulation and which we could repair in our shop at any time, at small cost. The valve on the barn line requires expensive repairs annually. We desire to repace this valve with the less expensive single seated type. This will require $205.00.

Repairs to hot water heaters. The inlets and outlets to these heaters are 2 inches in diameter, which, due to increased demand for hot water, reduces the pressure to a point where the water runs very slowly from faucets, at times when much water is being drawn. We desire to increase these openings to 3 inches, which would give a more uniform pressure at all fixtures. The cost will be $100.00

Valve reseating tools. These are needed to replace worn out tools. Estimated cost $85.00.

Heaters for houses No. 2 and No. 8. These heaters are needed to make these houses more habitable. For this is needed $1,000.00.

Hand stokers for Heine boilers. To replace burned out stokers with others having more grate area, which will give a higher furnace efficiency and smaller upkeep. Estimated cost $910.00.

Repairs to No. 1 engine. This engine has been in use since 1906. The cylinder needs to be rebored and the valve surfaces and seats need to be resurfaced. Some new parts will be needeed. This will require $500.00.

Machine-shop tools. These tools are needed to supplement our present shop equipment. For this $735.00 will be needed.

Renewal of water supply to houses 2, 3, 4 and 5. The present water supply to these houses is through an old main which was once used to supply the hospital. The water is now fed back from the present hospital supply mains a distance of approximately 2,600 feet, through this old pipe which frequently requires repairs. We desire to install a new supply direct from the city main on West street, which is approximately 50 feet from two of the houses, and is only 480 feet from the most distant house. In addition to the house service, we would install one hydrant for fire protection, and would leave a plugged fitting at the center of distribution, from which the main could be extended should other houses be erected in this vicinity. Estimated cost $720.00.

Replacement of sinks in the administration building. The present sinks in this building are of porcelain, the surfaces of which are cracked and scaled off, rendering them unsanitary. Estimated cost $270.00.

Replacement of plumbing in the second halls north. The present plumbing fixtures are out of date, rendering them expensive to keep in repair, and they are unsanitary. There are no safety devices on the hot water supply. This will require $1,670.00.

Plumbing material for the men's dormitory. There are sixteen people using one toilet on each floor. This will require $300.00

Extension of watchman's clock system and electric time system to Nurses' Homes. Estimated cost $210.00.

Renewal of lighting fixtures. The old fixtures now in use are out of date and are deficient in light giving qualities. For this $200.00 will be required.

Electric current supply to house No. 1. The present current supply is purchased from the city at the cost of approximately $90.00 per year. We can furnish this supply at less cost from our transmission line to the new building, which runs

within 150 feet of the house. Estimated cost $65,00.

Repairs to buildings. These are necessary repairs, as outlined on project sheet for institution No. 6. These include repairs to gutters, conductors, pointing of brick work, slate work and painting. Estimated cost $3,313.00.

Storm sash for first halls south. To conserve heat and make the wards more comfortable. This will require $165,00.

Alterations to administration building. To make basement rooms available for stenographers and for storage of records (case histories of patients.) Estimated cost $3,000.00.

Extension of bay window to fourth floor of administration building. This window now goes to the third floor, just under the eaves of the wing for female patients, where it joins the administration building. Every winter snow and ice gather there, causing backing of water, to the destruction of the ceilings below. This will be obviated by carrying the bay window up one story, and will also give us increased space in the adjoining room. Estimated cost $500.00.

Repairs to main barn. The back of the barn is badly in need of clapboarding and the scaffold of barn needs reflooring. This will cost $390.00.

Railing on chapel balcony and entrance to administration building. The balcony in the chapel is rather low and there is a feeling of insecurity and danger of falling, to people occupying the balcony, when standing. At the front entrance the steps are wide, with no hand rail. Quite frequently someone, especially an old person, on entering or leaving stumbles and falls. Estimated cost $350.00.

Wire guards over radiators in S. I. 1, 2 and 3. For protection of patients. Estimated cost $140.00.

Salvage yard. This is a necessity for the institution, for the saving and storage of farm tools and second hand materials. This price is for the materials. We shall do the erection with farm and patient labor. Amount required $2,100.00.

Replacement of laundry drier coils. These in use are frequently leaking and take time for repairs. Estimated cost $250.00.

Improvements to south infirmary heating system. Present installation not accessible for regulation and for repairs. Cost of same $330.00.

Flag poles. One flag pole out of commission; not safe. The cost will be $320.00.

It is with great sorrow that we record the death of two of the members of our Board during the year, both of whom took great interest in the welfare of the patients, and in all matters pertaining to the institution. Mr. Edward Gere of Northampton died on March 2. He has been a member of our Board since June, 1918. On July 18, Dr. Luke Corcoran of Springfield died. He was appointed a trustee in 1910. Both men were faithful in attendance at the meetings of our Board. Their wise counsel was greatly valued by us and we shall miss their presence at our meetings.

Dr. Lawrence D. Chapin of Springfield has been appointed to fill the unexpired term of Dr. Corcoran. Dr. Chapin is the son of a former member of the Board, Dr. Frederick W. Chapin, who served as trustee from 1897 to 1910.

There have been several changes on our medical staff. Dr. George L. Parker resigned September 25 to take up practice in the specialty of pediatrics. Dr. Agnes B. Greig resigned on October 17 to take up home duties.

In their places were appointed Dr. Harry J. Hill on September 28, and Dr. Ruth Tustin, who entered on her term of service October 19.

There is still a vacancy on the medical staff. It is found increasingly difficult to persuade young medical men to accept positions carrying so modest a salary as we are allowed to offer.

Respectfully submitted,

GEORGE C. LUNT, LAWRENCE D. CHAPIN,
EMILY N. NEWTON, CHARLES W. KING,
CAROLINE A. YALE, ALBERT M. DARLING.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

The superintendent's report of the operations of the hospital for the fiscal year ending November 30, 1926, is herewith submitted, together with the statistics relating to patients for the year ending September 30, 1926.

Movement of Population

There were 1371 patients on our books at the beginning of the year. During the year 484 were admitted, making a total enrollment of 1855, and 423 were dismissed, leaving 1432 on our books at the end of the year, as follows: in the hospital 1187, in family care 8, on visit 204, and on escape 33.

The largest number in the hospital on any one day was 1222, and the daily average number maintained was 1168.

Admissions

Of the patients admitted 395 were first admissions, those who never before had been cared for in a hospital for mental cases; 89 had been here or in some other hospital, previously.

There were under care during the year 7 patients who were not committed by the courts, but were admitted on their voluntary request, not being insane, but in such a nervous or mental state as to make treatment seem desirable.

Of the first admissions 62.5% were of foreign parentage; 39.4% were of foreign birth. Of the latter, 32 persons were born in Poland, 27 in Candada (mostly French-Canadian), 22 in Ireland, 16 in Italy, 10 in Russia, 9 in England, 6 in Sweden and one or more in each Austria, France, Germany, Scotland and other European countries.

Many of the patients admitted were in a condition, both mental and physical, unfavorable for recovery, or even for much improvement. In a large number of cases the mental condition was incident to arteriosclerotic and senile changes in the brain tissues. Sixty of these were seventy years of age or over, and of these 18 were eighty or more years old, while two of them were over ninety years old.

The psychoses were likewise unfavorable for recovery in a large number of the cases admitted. The most to be expected from care and treatment was an amelioration of their condition. Thus there were 94 cases of dementia praecox, 49 of alcoholic psychoses, and 30 of neurosyphilis, from which types few cases recover. There were 39 cases of manic-depressive psychosis, which with a few of the alcoholic cases furnish the larger number of recoveries. Twelve of the admissions were cases of encephalitis lethargica.

Dismissals

Of 423 patients who were dismissed, 87 were considered recovered; 88 much improved and able to adjust themselves in the community; 15 not improved, and 16 were dismissed as not insane, including temporary care, observation and voluntary cases.

The Department of Mental Diseases transferred 57 patients to other institutions in the state as follows: 50 to Gardner State Colony, 3 to Belchertown State School, and 1 each to Monson State Hospital, Worcester State Hospital, Westboro State Hospital and Tewksbury State Infirmary.

More patients leave the hospital on trial visit than by any other method of dismissal. They remain under our supervision and make occasional reports to us. If at the end of their period of visit, which is usually for a year, they appear to be able to do well away from the hospital they are automatically discharged. At the end of our hospital year there were away "on visit" 95 men and 109 women.

One hundred and fifty-five patients died, 25 of whom were over eighty years of age, and 40 others were over seventy.

The principal causes of death were largely incident to old age, 40 deaths being due to cerebral hemorrhage and cerebral thrombosis, 27 to terminal heart conditions, and 26 to chronic nephritis; 11 were from general paresis, 7 from carcinoma and 5 from tuberculosis.

Medical Work

Routine medical work has been carried on under a good deal of stress, due to the large number of patients admitted and to the small numbers on our medical staff and the small quota of stenographers allowed us.

All patients admitted have been given physical examinations, the usual analyses have been made, and typhoid and smallpox vaccinations have been given to newly admitted patients and employees. Blood tests were made in 594 cases and spinal fluid tests in 78; 115 cases of blood tests and 40 of spinal fluid tests were found positive. Intravenous treatments of sulpharsphenamine to the number of 761 were given to 79 patients, with varying results. In some of the cases physical and mental improvement seemed to follow for a while, but in no cases were we satisfied that permanent arrest of the disease will obtain.

A course of treatment of the cases of encephalitis lethargica was instituted by the administration of sodium iodide intravenously, but without encouraging results. So little is known of the exact cause of this disorder that all therapeutic measures used to the present time have been unsatisfactory.

The dental report shows a full time service rendered. The number of treatments was 2864, including 462 extractions and 724 fillings.

Extensive use has been made of hydrotherapy, many hundreds of baths and of packs having been administered. These are given to the disturbed, the agitated and the sleepless patients, with calming effects, with promotion of sleep, and improvement of assimilation. Oftentimes patients with the realization of benefit from previous treatments, have requested a repetition on a return of their agitation and "nervousness."

Since 1897 we have made no use of hypnotic drugs to induce sleep or to quiet boisterousness, believing the use of such to be more harmful than beneficial.

Out-Patient and Social Work

The service of the out-patient department was unusually full, along the lines laid out at the inception of the work in 1911. Clinics were held regularly each week except during August, when the staff was too small to be spared from the routine work at the institution. The places where clinics were held were as in former years, at Springfield, Greenfield, Pittsfield and North Adams.

A total of 243 patients, absent from the hospital reported; relatives of patients in the institution made 456 calls for inquiry and consultation; 37 persons came for consultation and advice about themselves, making a total of 736 cases handled during the year.

Our assistant, Dr. Harriet Whitney, has been on duty at the Juvenile Court in Springfield one day of each week. Ninety cases were examined and reported to the Court.

Fifty-four men and sixty-seven women consulted the medical staff about themselves, by appointment, outside the regular weekly clinics. Many of these persons are referred by various charitable organizations; some come to the hospital, but a good many are seen at their own homes.

School Clinic

The school clinic, made up of an assistant physician, the assistant psychologist and, at times, the social worker, visited many towns which had not previously requested this service, and the towns of Longmeadow, East Longmeadow, Hampden, Wilbraham and North Wilbraham were added to our district. There are still some towns in our district that have not complied with the law and consequently no

examinations there have as yet been made.

The superintendents of schools in several towns, appreciating the benefits from former examinations, have applied for additional service. Several superintendents have expressed a desire to have all children entering school for the first time, examined by the clinic, and one asked to have the students in the local high school examined, to determine their ability to perform the work allotted them. The Department of Mental Diseases has not thought it wise to extend the functions of the clinic to cover these requests. They are reported to show a growing interest in the service.

In addition to the examinations of pupils in the public schools, which numbered 678, our clinic has examined 57 of the students of the Clarke School for the Deaf. These latter examinations have required much time and very careful study, as the same tests could not be applied to non-hearing children as to those who have their hearing. The tests formulated by Prof. Terman were found of little use because they depend so much upon language and education, while these deaf children have had little study of language until they have been in school several years. The Patterson-Pintner performance tests were found useful among the very young deaf children, but they give too high a rating of the intelligence of children whose early training has been along these lines. The revision of the Binet-Simon tests made by Prof. Herring of the University of Pennsylvania, used in conjunction with the performance tests, was found to give the most accurate results.

The need of special instruction for the retarded child who can hear has long been recognized and is provided for by the state. As for the deaf child, the time spent by the members of our clinic in class rooms and on play grounds in studying individual children at the Clarke School, gives the impression of a far greater need of separate special instruction for the retarded child who cannot hear.

A total number of 1672 individuals was seen at the various clinics and in the school work during the year.

The names of nearly three hundred retarded children have been submitted recently and examination of them is going on at the time of writing this report.

During the month of August lectures and clinical demonstrations were given two afternoons each week to the class of students from Smith College School for Social Work.

Large classes from Smith, Mt. Holyoke and Amherst Colleges, interested in economics and in sociology, have visited the hospital for an inspection of the wards, for instructions in the details of administration, of hospital life, and of care and treatment of patients, and for study of typical cases.

Classes of nursing from the Training Schools of neighboring hospitals have also come to learn of methods of treatment and for the study of typical cases of the various psychoses, as a part of their curriculum.

School of Nursing

Our School of Nursing "carried on" during the year. The classes were small, but full courses in all branches were given. The entering class numbered three student nurses. Two of these remained to complete their junior year and began their intermediate year on October 1 at the State Infirmary at Tewskbury, where we have an affiliation. One student completed her year at Tewksbury and returned to our school on November 1. One senior student, Miss Marion Blood, was graduated on October 14, 1926.

Our school has received the approval of the American Psychiatric Association and has been placed on its approved list. It has also met the requirements of the Massachusetts State Board of Registration and our graduates are eligible for examination for registration, with the degree of R. N., which they have passed with success.

Occupation of Patients

As many able bodied patients as possible were usefully employed in all the departments of the institution in its many and varied activities. They have helped very materially in the repair work and on the building operations, helping every mechanic in our service.

The occupational therapy department has had two workers who have directed convalescent patients and those not well able to do routine work in the departments. A daily average number of 126 patients have been so employed and the nature of work is shown in the list presented here, as reported by our head occupational therapist: 93 reed and raffia baskets were made; 20 hooked rugs; 372 knitted articles,—sweaters, scarfs, socks and face cloths; 3,703 hemmed articles,—towels, pillow cases, sheets, tablecloths and napkins; 110 pairs of curtains with valances; 150 pounds of carpet rags cut and sewed; 4 sets of fringe for table runners; 2 tapestry pillows; stenciling—4 pillows and 4 runnners; Swedish weaving—12 pillows, 16 table runners and 5 bureau scarfs; 49½ yards of tatting; 18 yards of crocheted edging, also yokes, and edging for table runners and bureau covers; 93 pieces of Italian hemstitching; 83 embroidered pieces; 203 woven articles,—table runners and pillows; 2 painted pillow tops, and 12 costumes for entertainments.

In the men's industrial therapy department the following articles were made or repaired: shoes soled, 222 pairs; shoes heeled, 184 pairs; shoes sewed, 236 pairs; 185 new mattresses made; 527 old mattresses remade; 27 canvas mattresses made; 45 new pillows; 176 old pillows made over; 12 hydrotherapy pillows; 587 rag rugs; 212 overalls; 163 jumpers; 130 men's shirts; 28 chair cushions; 41 settee cushions; 616 brooms; 71 chairs caned; 6 new baskets; 88 baskets made over.

In the tin shop the following articles of tinware were made: 24 brown bread tins; 36 brown bread tin covers; 100 dust pans; 115 tin cups; 22 pans, 6 scoops; 24 soup boxes; 24 calf pails; 12 coal hods; 60 vegetable dishes; 1 bread box; 1 pan for testing tubes; 12 dish pans; 12 large meat pans; 1 jar holder; 1 gallon can with cover; 1 gallon paint pail.

Assemblies of Patients

There were the usual gatherings of patients throughout the year. On each Lord's day there were two assemblies for religious services, one in the morning for Catholics and one in the afternoon for Protestants, but many patients considered it a privilege to attend both services.

Moving pictures were shown on Monday evenings and a dance was held on Thursday evenings throughout the cooler months of the year. Holidays were observed with exercises appropriate to the occasion. On Independence Day there was a ball game and out door sports. Thanksgiving day was celebrated by means of a turkey dinner with "fixins" and in the evening the season's dances were ushered in. On Christmas day there was a special dinner, and in the evening there was a concert followed by distribution of presents to everyone from a beautifully decorated Christmas tree. Special occasions were the masquerade ball in February, a Hallowe'en party with games and refreshments, April 21 an entertainment consisting of vocal and instrumental music and magic, and December 23 a concert by the Kratochvil orchestra of Westfield.

Farm

The head farmer's report makes an excellent showing for the farm. There was an average crop of hay. There were frequent rains during the haying season, but a new hay loading machine drawn by the tractor speeded up the handling of the hay when weather permitted, so none was damaged by rain. The yield of ensilage was heavy. There was only a fair crop of potatoes, due to the infestation of leaf hoppers. This was hard to control by dusting, which will in the future have to be supplemented by spraying. Garden crops produced fairly well, with a large yield of

tomatoes of excellent quality. The apple crop was better than in a number of years past. With apples the dusting seems to be satisfactory.

About 1000 feet of lumber was cut, principally pine and hemlock. Our chestnut trees now have all been cut. Two thousand seedling pines were set out on Sunset hill on land not suitable for pasturage or tillage. A small nursery has been started to grow both nursery and shade trees.

About thirteen acres in the west lot have been plowed and a large amount of stone removed. The latter have been made available for use by our stone crusher for road material and for cement work on sidewalks and foundations for buildings.

Poultry has done fairly well, but more room will be needed another year.

Our dairy has made an excellent showing. An average of 49 cows were milked, with an average yearly production of a little over 14,000 pounds of milk. Nineteen heifers freshened during the year, and in almost every case they have exceeded their dams in their first lactation period. This shows the benefit of using high class animals in the herd. Of fifty-one calves dropped, 11, all eligible for registry, have been reserved for our own herd; the others were disposed of, some to go to other herds and the others to be slaughtered. At the present time the herd has 56 registered and 24 grade animals. The latter will be replaced by purebreeds as rapidly as possible.

We are trying to improve the swine herd to increase the pork production per breeding animal in much the same way that milk production has been increased, by breeding and selection. At present our brood sows are grade animals of very mixed breeding, but the boar is a pure bred Duroc Jersey. Twenty-two litters from animals bred to him reached weaning age with an average of nine pigs to a litter.

Early in the year the Department of Agriculture offered a prize to the institution that should in one hundred and eighty days produce the largest number of pounds of pork from one litter of pigs, the goal being a ton or more, the object being to provide a measure of the productive ability of a sow, to aid in the selection of brood sows, to improve breeding, and to give valuable information in the care, feed, and management of the young pigs. Our entry was the fortunate winner of the prize—a silver medal. In the litter entered by us were eleven pigs, the weight of which at the end of one hundred and eighty days was 2,385 pounds.

The following is a list of the farm products raised during the year: Milk, 696,594 pounds (323,066 quarts); beef, 6,144 pounds; pork, 29,938 pounds; eggs, 1,364 dozen; fowl, 618 pounds; broilers, 934 pounds; 196 tons dry hay; 125 tons green hay; 369 tons corn; 2,300 bushels potatoes; 910 barrels apples; 2,705 pounds asparagus; 11,807 pounds rhubarb; 7,538 pounds string beans; 52,051 pounds onions; 40,128 pounds tomatoes; 8,071 pounds chard; 1,853 pounds peas; 28,335 pounds sweet corn; 32,871 pounds cabbage; 46,000 pounds squash; 83,000 pounds mangel-wurzels; 18,800 pounds turnips; 5,030 quarts strawberries; 380 quarts cherries; 670 quarts currants.

Repairs and Improvements

The engineer's report shows an extensive list of repairs and of installations. In most of these activities patients were employed, to their enjoyment and benefit, and to the economy of the project. The more important of these are recorded here for future reference.

Fire sprinklers were installed in the attic of the infirmary for men, in the attic and in the basement of the dormitory for male employees, in the attic of the dormitory for women employees, in the occupational therapy room on the fourth floor rear center, in the laundry building, and in the attic of the new ward building. Standpipes with hose connected were erected in the stairways of the new ward building, in the rear center north stair hall, and in the stairway in the third halls south. Three standpipes in the rear center, which had been connected to the

domestic water supply line, were connected to the fire main. Eight 2½ gallon chemical fire extinguishers were put in each of the new fourth wards. A 12 inch water main for fire protection was laid by our own employees and patients a distance of 1,400 feet, from the main near the infirmary for women to the front of the new ward building, and a 10 inch line was laid along the front of this building. From these, branch lines were laid to hydrants and to the standpipes inside the stairways of the new building.

A 6 inch water supply for domestic use was laid from the street near the main entrance to the new building, a distance of 432 feet. This was laid through a pit with cement walls in which a 4 inch Empire compound water meter was installed.

A new hydrant was set opposite cottage No. 1, connected to the new 12 inch fire main.

A fire alarm box (No. 4) connected with the city of Northampton fire alarm system, was installed in the administration building, with an auxilliary box in the boiler room.

New radiators were installed in the toilet room third floor center near U. I. N., in the toilet room near L. I. N., in the west stairway of the Earle building, in the stairway third halls south, in the first basement north, and in the first basement south.

An 8 inch sewer line 510 feet long was laid from the new ward building to connect with the city's sewer on Earle Street.

Much wiring for electric lighting purposes was laid during the year. The most important of these projects was the erection of an electric line from the boiler house to the new ward building, a length of 1,500 feet of No. 6 wire, on 16 poles, to a 15 K. V. A. transformer at the new building, reducing the current from 2,300 volts to 220 volts, thence to a 10 K. V. A. transformer, reducing the current still further to 110 volts.

The rewiring of the basement of the administration building, begun last year, was completed. Wiring was installed for lights in the rear center south stairway, in all the dust closets on the north wing, in the serving room for the new dining room for employees, and in the room taken from the library for an office for the out-patient department. Work was begun on the rewiring of the third basement south. The feeder cables for the infirmary for women were removed from the ceiling of the basement and were placed on iron brackets in a tunnel in the same basement. A new feeder circuit was laid in the tunnel from the engine room to the third basement south. New light fixtures were put up in the third halls north.

Our own men set up and connected the lighting fixtures in the new ward building.

The General Electric Company regrouped the armature coils in generator No. 3.

A new feed water regulator was installed on No. 4 boiler. New Perfection hand stokers were set up to feed furnaces No. 2 and No. 3, replacing two that were very unsatisfactory. New cast iron baffle plates were placed in boilers No. 2 and No. 3, replacing tile baffle plates.

New fibre washers on the crank shaft and a new connecting rod were placed on No. 2 engine and the cylinder was re-aligned.

Wire guards were set up around the sprinkler valves in the third basement north, in the corridor of the infirmary for women, around the stairway leading from the basement to the first floor near the new dining room for employees, and around the switch boards in the engine room.

A 40 inch Tolhurst extractor, a 40 inch by 96 inch tumbler drier, and two motor operated presses were installed in the laundry.

A steam table, a dish washing machine, sinks, toaster, drinking water cooler and other apparatus were installed in the new dining room for employees.

Four old water tanks that were placed in the attics over the north halls and two over the south halls in 1866, were removed.

Plumbing fixtures in the bathroom for employees, rear center, were removed,

and an additionnal bathroom was equipped with new fixtures. New bathrooms for cottages No. 8 and No. 10 were installed.

The brick foundation at cottage No. 3 was repaired; the chimney at cottage No. 8 was rebuilt and cement steps and walk were laid; a cement walk from cottage No. 1 was laid to the main walk; a cement floor was laid in the smoking room of the male nurses' home; cement gutters on the east side of the infirmary for women, and around all of the infirmary for men, were laid; also cement slabs to deflect the drip from the roof of the fourth halls south were laid; tile for roof water drains from the north side of the third halls north were laid; a catch basin at the east side of the new ward building and an inclined entrance to the basement of the same building, were laid in cement. Two cement posts were built at the west gate.

Repairs to buildings as follows were made; The chapel, assembly hall, was painted and redecorated. The cupola on the main building was painted. The driveway floor in the main barn was relaid and the stall floors in the horse barn were relaid, Much repainting of brick work and repairing of brick walls was done on the administration building and on the Earle building at the north infirmary.

We have received many gifts of books and of magazines from persons interested in the institution. These have been gladly received, as they add to the cheer and comfort of our patients.

A number of generous individuals have continued to remember us at Christmas time, giving money for the purchase of presents for some unfortunate patients who have no friends, or whose friends cannot afford to make presents. To these we express our heartfelt gratitude.

Respectfully submitted,

JOHN A. HOUSTON, *Superintendent*

VALUATION

November 30, 1926

Real Estate	
Land, 513 acres	$167,700.00
Buildings	1,387,940.73
	$1,555,640.73
Personal Property	
Travel, Transportation and Office Expenses	$1,844.88
Food	7,489.41
Clothing and Materials	17,723.93
Furnishings and Household Supplies	76,824.90
Medical and General Care	1,582.48
Heat, Light and Power	10,249.95
Farm	44,979.86
Garage, Stables and Grounds	5,307.52
Repairs	18,803.01
	$184,805.94
Summary	
Real Estate	$1,555,640.73
Personal Property	184,805.94
	$1,740,446.67

TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1926.

CASH ACCOUNT

Receipts

Income				
Board of Patients		$118,555.13	$118,555.13	
Personal Services:				
Reimbursement from Board of Retirement			89.95	
Sales:				
Food, meals and waste		$141.91		
Clothing and materials		70.85		
Furnishings and household supplies		6.00		
Medical and general care		5.50		
Farm:				
Cows and calves	$215.00			
Pigs and hogs	10.00			
Hides	18.30			
		243.30		
Repairs, ordinary		125.80		
Arts and crafts sales		14.50		
			607.86	
Miscellaneous:				
Interest on bank balances		$407.90		
Rent		838.34		
Sundries, premium, Eastern States Exposition		84.17		
Board of horse		170.00		
			$1,500.41	
Total income				$120,753.35

MAINTENANCE

Balance from previous year, brought forward	$7,474.25
Appropriations, current year	392,330.00
Total	$399,804.25
Expenses (as analyzed below)	382,366.40
Balance	$17,437.85

Analysis of Expenses

Personal services	$172,890.20
Religious instruction	1,220.00
Travel, transportation and office expenses	5,917.06
Food	79,473.88
Clothing and materials	6,166.90
Furnishings and household supplies	23,640.05
Medical and general care	11,263.09
Heat, light and power	37,276.65
Farm	20,787.71
Garage, stable and grounds	2,940.98
Repairs, ordinary	14,448.54
Repairs and renewals	6,341.34
Total expenses for maintenance	$382,366.40

FINANCIAL REPORT

SPECIAL APPROPRIATIONS

Balance December 1, 1925		$113,226.34
Appropriations for current year		137,500.00
Total		$250,726.34
Expended during the year (see statement below)	$160,809.65	
Reverting to Treasury of Commonwealth	43.79	
		$160,853.44
Balance Nov. 30, 1926, carried to next year		$89,872 90

OBJECT	Act or Resolve	Whole Amount	Expended During Fiscal Year	Total Expended to Date	Balance at End of Year
Two Ward Buildings	Chap. 126, '24	$270,500.00	7,656.96	$270,495.67	$4 33*
Additional Sprinklers	Chap. 211, '25	14,555.00	6,871.76	14,275.79	279.21
Standpipes	Chap. 126, '24	2,757.00	139.43	2,744.43	12.57*
Additional Fire Protection	Chap. 510, '24	8,600.00	2,860.83	8,591.83	8.17*
New Ward Building	Chap. 79, '26	207,000.00	142,238.36	162,364.00	44,636.00
Fire Protection, 1925	Chap. 347, '25	12,000.00	986.16	986.16	11,013.84
Addition to Female Infirmary	Chap. 79, '26	22,000.00	56.15	56.15	21,943.85
Two Cottages for Employees	Chap. 79, '26	12,000.00	—	—	12,000.00
Sewer Connections	Chap. 126, '24	600.00	—	581.28	18.72*
		$550,012.00	$160,809.65	$460,095.31	$89,916.69

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	43.79
Balance carried to next year	89,872.90
Total as above	$89,916.69

PER CAPITA

During the year the average number of inmates has been 1,171.86.
Total cost for maintenance, $382,366.40.
Equal to a weekly per capita cost of $6.2748 (52 weeks to year)
Receipt from sales, $607.86.
Equal to a weekly per capita of $0.01
All other institution receipts, $120,145.49.
Equal to a weekly per capita of $1.9716.
Net weekly per capita, $4.2932.

Respectfully submitted,

EVA L. GRAVES, *Treasurer*

Total receipts and payments are in agreement with Comptroller's books of account.

JAMES C. McCORMICK.

STATISTICAL TABLES

AS ADOPTED BY AMERICAN PSYCHIATRIC ASSOCIATION

PRESCRIBED BY MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

1. Date of opening as an institution for the insane: August 16, 1858.
2. Type of institution: State.

Real estate including buildings and betterments	$1,566,162.64
Personal property	184,805.94
Total	$1,750,968.58

Total acreage of hospital property: 513½
Acreage under cultivation during year: 145

4. Medical service:

	Men	Women	Total
Superintendents	1	–	1
Assistant physicians	2	4	6
Dentist	1	–	1
Medical internes	–	–	–
Clinical assistants	1	–	1
	5	4	9

5. Employees:

Graduate nurses	–	7	7
Other nurses and attendants	52	28	80
Social workers	–	1	1
All other employees	53	40	93
	105	76	181

6. Percentage of patients employed during year 63.9 71.5 67.7

TABLE 3.—*Movement of Patient Population for the Year ending September 30 1926.*

	Insane			Other Classes: Sane Voluntary			Other Classes: Temporary Care and Observation not Committed			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on books Sept. 30, 1925	666	693	1359	3	–	3	6	3	9	675	696	1371
Admissions during the year												
a. First Admissions	†197	†172	†369	1	2	3	17	6	23	†215	†180	†395
b. Readmissions	‡34	‡47	‡81	–	1	1	4	1	5	‡38	‡49	‡87
Total Admission	231	219	450	1	3	4	21	7	28	253	229	482
c. Transfers from other institutions for the insane	2	–	2	–	–	–	–	–	–	2	–	2
2. Total received during year	233	219	452	1	3	4	21	7	28	255	229	484
3. Total under treatment during year	899	912	1811	4	3	7	27	10	37	930	925	1855
Discharged from books during year:												
a. As recovered	43	39	82	–	–	–	2	3	5	45	42	87
b. As improved	40	46	86	–	–	–	1	1	2	41	47	48
c. As unimproved	6	5	11	–	–	–	3	1	4	9	6	15
d. As not insane	2	2	4	2	3	5	5	2	7	9	7	16
e. Transferred to other institutions for the insane	52	5	57	–	–	–	–	–	–	52	5	57
f. Died during year	77	73	150	–	–	—	4	–	4	81	73	154
Nominally dismissed for commitment	–	–	–	–	–	–	4	2	6	4	2	6
4. Total discharged from books during year	220	170	390	2	3	5	19	9	28	241	182	423
5. Patients remaining on books of institution September 30. 1926	679	742	1421	2	–	2	8	1	9	689	743	1432
Supplementary Data												
6. *a.* Average daily number on books during year	691.67	720.88	1412.55	.31	.37	.68	4.96	.54	5.50	696.94	721.79	1418.73
b. Average daily number in institution	563.35	598.26	1161.61	.31	.37	.68	4.96	.54	5.50	568.62	599.17	1167.79
7. *a.* Average daily number in family care	–	9.41	9.41	–	–	–	–	–	–	–	9.41	9.41
b. Average daily number on visit or escape	128.32	113.21	241.53	–	–	–	–	–	–	128.32	113.21	241.53
8. Number of voluntary patients admitted within the year	–	–	–	1	3	4	–	–	–	1	3	4
9. Number of T. C. cases admitted within the year	94	95	189	–	–	–	21	7	28	115	102	217
10. Number of patients remaining in institution September 30, 1926	553	623	1176	2	–	2	8	1	9	563	624	1187
11. Number of patients remaining in F. C., September 30, 1926	–	8	8	–	–	–	–	–	–	–	8	8
12. Number of different persons within the year	898	907	1805	4	3	7	27	10	37	929	920	1849
13. Number of different persons admitted from the community	233	219	452	1	3	4	21	7	28	255	229	484
14. Number of different persons dismissed, exclusive of transfers	168	165	333	2	3	5	19	9	28	189	177	366

	Males	Females	Totals
15. Number of non-insane patients or inmates in institution at end of institution year:			
h. Persons given advice etc.	449	504	947
i. School Clinics (mentally retarded children)	496	239	735
Total	939	743	1,682

†Includes 3 male and 1 female patients committed after October 1, from observation of 1924–1925.
‡Includes 1 male and 1 female patients committed after October 1, from observation of 1924–1925.

TABLE 4.—*Nativity of First Admissions and of Parents of First Admissions.*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
United States	123	98	221	70	64	134	61	66	127
Austria	4	1	5	5	5	10	1	2	3
Belgium	–	1	1	–	–	–	1	1	2
Bohemia	–	1	1	–	–	–	1	1	2
Canada	16	11	27	23	27	50	18	16	34
England	4	5	9	6	7	13	6	6	12
France	1	2	3	3	3	6	3	2	5
Germany	2	2	4	6	7	13	4	4	8
Greece	1	–	1	1	1	2	–	–	–
Ireland	5	17	22	30	30	60	33	36	69
Italy	10	6	16	11	11	22	6	6	12
Lithuania	–	1	1	2	2	4	1	1	2
Poland	18	14	32	20	20	40	14	14	28
Portugal	1	–	1	1	1	2	–	–	–
Russia	4	6	10	6	5	11	9	8	17
Scotland	1	3	4	1	2	3	9	5	14
Sweden	3	3	6	4	3	7	3	3	6
Switzerland	–	–	–	–	1	1	1	–	1
Turkey in Europe	1	–	1	1	1	2	–	–	–
Total foreign born	71	73	144	120	126	246	110	105	215
Unascertained	–	–	–	4	4	8	–	–	–
Grand Total	194	171	365	194	194	388	171	171	342

TABLE 5.—*Citizenship of First Admissions.*

	Male	Female	Total
Citizens by birth	123	98	221
Citizens by naturalization	25	37	62
Aliens	43	34	77
Citizenship unascertained	3	2	5
Total	194	171	365

TABLE 6.—*Psychoses of First Admissions.*

	Psychoses	M.	F.	T.	M.	F.	T.
1.	Traumatic	–	–	–	–	–	–
2.	Senile, total	–	–	–	18	27	45
	(a) Simple Deterioration	6	8	14	–	–	–
	(b) Presbyophrenic type	3	3	6	–	–	–
	(c) Delirous and confused states	2	7	9	–	–	–
	(d) Depressed and agitated states	4	4	8	–	–	–
	(e) Paranoid type	3	5	8	–	–	–
3.	With cerebral arteriosclerosis	–	–	–	14	13	27
4.	General paralysis	–	–	–	23	2	25
5.	With cerebral syphilis	–	–	–	2	2	4
6.	With Huntington's chorea	–	–	–	–	–	–
7.	With brain tumor	–	–	–	1	–	1
8.	With other brain or nervous diseases, total	–	–	–	6	9	15
	1. Encephalitis lethargica	5	6	11	–	–	–
	2. Multiple sclerosis	–	1	1	–	–	–
	3. Tabes dorsalis	1	2	3	–	–	–
9.	Alcoholic, total	–	–	–	43	6	49
	(a) Korsakoff's psychosis	7	–	7	–	–	–
	(d) Acute hallucinosis	25	3	28	–	–	–
	(e) Chronic hallucinosis	7	1	8	–	–	–
	(g) Chronic paranoid	3	1	4	–	–	–
	(h) Alcoholic deterioration	1	1	2	–	–	–
10.	Due to drugs and other exogenous toxins, total	–	–	–	–	1	1
	(a) With chloral	–	1	1	–	–	–
11.	With pellagra	–	–	–	–	1	1
12.	With other somatic diseases, total	–	–	–	8	19	27
	(b) Post infections psychosis	–	3	3	–	–	–
	(c) Exhaustion delirium	3	7	10	–	–	–
	(d) Delirium of unknown origin	2	4	6	–	–	–
	(e) Cardio-renal disease	3	4	7	–	–	–
	(f) Disease of the ductless glands	–	1	1	–	–	–
13.	Manic-depressive, total	–	–	–	16	23	39
	(a) Manic type	6	5	11	–	–	–
	(b) Depressed type	7	11	18	–	–	–
	(c) Stuporous type	–	2	2	–	–	–
	(d) Mixed type	1	2	3	–	–	–
	(e) Circular type	2	3	5	–	–	–
14.	Involution melancholia	–	–	–	5	3	8
15.	Dementia praecox, total	–	–	–	45	49	94
	(a) Paranoid type	15	23	38	–	–	–
	(b) Catatonic type	14	11	25	–	–	–
	(c) Hebephrenic type	11	9	20	–	–	–
	(d) Simple type	5	6	11	–	–	–
16.	Paranoia or paranoid conditions	–	–	–	–	–	–
17.	Epileptic, total	–	–	–	1	1	2
	(b) Clouded state	1	1	2	–	–	–
18.	Psychoneuroses, total	–	–	–	–	1	1
	(c) Neurasthenic type	–	1	1	–	–	–
19.	With psychopathic personality	–	–	–	–	–	–
20.	With mental deficiency	–	–	–	4	5	9
21.	Undiagnosed	–	–	–	5	4	9
22.	Without psychosis, total	–	–	–	3	5	8
	(d) Psychopathic personality without psychosis	–	1	1	–	–	–
	(e) Mental deficiency without psychosis	3	2	5	–	–	–
	(f) Defective delinquent	–	1	1	–	–	–
	(g) Question of psychosis	–	1	1	–	–	–
	Total				194	171	365

TABLE 7.—*Race of First Admissions classified with Reference to Psychoses.*

Race	Total			Senile			With Cerebral Arterio-sclerosis			General Paralysis			Cerebral Syphilis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	3	3	–	1	1	–	–	–	–	1	1	–	–	–
Dutch and Flemish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	10	9	19	1	3	4	2	–	2	1	–	1	1	–	1
French	25	14	39	4	–	4	2	3	5	4	–	4	–	–	–
German	6	4	10	–	–	–	–	1	1	–	1	1	–	–	–
Greek	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	2	7	9	–	–	–	–	–	–	–	–	–	–	–	–
Irish	21	35	56	4	6	10	–	2	2	1	–	1	–	1	1
Italian	11	6	17	–	–	–	–	–	–	1	–	1	–	–	–
Lithuanian	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	4	1	5	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Scandinavian	3	3	6	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	1	7	8	–	1	1	–	1	1	–	–	–	–	–	–
Slavonic	27	17	44	–	–	–	–	–	–	2	–	2	–	–	–
Mixed	80	63	143	9	16	25	10	6	16	13	–	13	1	1	2
Total.1	194	171	365	18	27	45	14	13	27	23	2	25	2	2	4

TABLE 7.—*Race of Admissions classified with Reference to Psychoses*—Continued.

Race	With Brain Tumor			With Other Brain or Nervous Diseases			Alcoholic			Due to Drugs and other Exo-genous Toxins			With Pellagra		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
French	–	–	–	–	1	1	4	–	4	–	–	–	–	–	–
German	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Irish	–	–	–	–	–	–	12	1	13	–	–	–	–	–	–
Italian	–	–	–	1	–	1	4	1	5	–	–	–	–	–	–
Lithuanian	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Slavonic	–	–	–	–	1	1	14	4	18	–	–	–	–	–	–
Mixed	–	–	–	4	5	9	7	–	7	–	1	1	–	–	–
Total	1	–	1	6	9	15	43	6	49	–	1	1	–	1	1

TABLE 7.—*Race of First Admissions classified with Reference to Psychoses*—Continued

Race	With Other Somatic Diseases			Manic Depressive			Involution Malencholia			Dementia Praecox			Epileptic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	1	2	3	–	1	1	1	–	1	3	1	4	–	–	–
French	1	2	3	1	2	3	1	–	1	5	4	9	–	–	–
German	1	1	2	–	–	–	1	–	1	3	–	3	–	–	–
Greek	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	2	6	8	–	–	–
Irish	1	5	6	2	5	7	–	3	3	–	10	10	–	–	–
Italian	1	2	3	2	1	3	–	–	–	2	–	2	–	1	1
Lithuanian	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	2	1	3	–	–	–	–	2	2	–	–	–
Scotch	–	–	–	–	1	1	–	–	–	–	4	4	–	–	–
Slavonic	–	3	3	2	1	3	–	–	–	7	5	12	–	–	–
Mixed	3	3	6	6	11	17	2	–	2	19	16	35	1	–	1
Total	8	19	27	16	23	39	5	3	8	45	49	94	1	1	2

TABLE 7.—*Race of First Admissions classified with Reference to Psychoses*—Concluded.

	With Psychopathic Personality			With Mentally Deficiency			Undiagnosed-			Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	1	1	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	–	–	–	–	–	–	1	1
French	–	–	–	1	1	2	2	1	3	–	–	–
German	–	–	–	–	–	–	–	1	1	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–
Irish	–	–	–	1	1	2	–	–	–	–	1	1
Italian	–	–	–	–	–	–	–	1	1	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	–	–	–	–	–	–	1	–	1
Scotch	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic	–	1	1	–	1	1	2	1	3	–	–	–
Mixed	–	–	–	2	1	3	1	–	1	2	3	5
Total	–	1	1	4	5	9	5	4	9	3	5	8

TABLE 8.—*Age of First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Under 15 Years			15–19 Years			20–24 Years			25–29 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	18	27	45	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	14	13	27	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	23	2	25	–	–	–	–	–	–	–	–	–	2	–	2
5. With cerebral syphilis	2	2	4	–	–	–	–	–	–	1	–	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	9	15	1	–	1	–	–	–	–	1	1	–	3	3
9. Alcoholic	43	6	49	–	–	–	–	–	–	–	–	–	4	–	4
10. With other drugs and exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	8	19	27	–	–	–	–	–	–	–	–	–	–	3	3
13. Manic-depressive	16	23	39	–	–	–	–	–	–	1	–	1	2	5	7
14. Involution melancholia	5	3	8	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	45	49	94	–	–	–	4	6	10	11	6	17	9	6	15
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	–	–	–	–	–	–	–	1	1
18. Psychoneuroses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	5	9	–	–	–	–	–	–	1	1	2	1	–	1
21. Undiagnosed	5	4	9	–	–	–	1	–	1	–	–	–	–	–	–
22. Without psychoses	3	5	8	–	–	–	–	1	1	–	2	2	–	1	1
Total	194	171	365	1	–	1	5	7	12	14	10	24	18	19	37

TABLE 8—*Age of First Admissions classified with Reference to Principal Psychoses* Continued.

Psychoses	30–34 Years			35–39 Years			40–44 Years			45–49 Years			50–54 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	3	–	3	3	1	4	5	1	6	3	–	3	2	–	2
5. With cerebral syphilis	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
8. With other brain or nervous diseases	–	1	1	2	1	3	–	–	–	1	–	1	–	3	3
9. Alcoholic	3	1	4	6	2	8	7	–	7	7	1	8	5	–	5
10. With other drugs and exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	3	3	1	1	2	–	2	2	–	2	2	2	2	4
13. Manic-depressive	5	2	7	1	4	5	2	3	5	2	1	3	1	2	3
14. Involution melancholia	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
15. Dementia praecox	7	8	15	6	1	7	3	6	9	4	9	13	–	4	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
18. Psychoneuroses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	1	1	1	2	3	–	1	1	–	–	–	1	–	1
21. Undiagnosed	1	–	1	–	2	2	1	–	1	1	1	2	–	–	–
22. Without psychoses	–	1	1	1	–	1	–	–	–	1	–	1	–	–	–
Total	19	18	37	22	14	36	18	13	31	21	14	35	13	13	26

TABLE 8.—*Age of First Admissions classified with Reference to Principal Psychoses*—Concluded.

Psychoses	55–59 Years			60–64 Years			65–69 Years			70–74 Years			75–79 Years			Over 80 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	2	2	2	1	3	6	6	12	6	9	15	4	9	13
3. With cerebral arteriosclerosis	1	–	1	2	2	4	3	–	3	3	3	6	4	5	9	1	3	4
4. General paralysis	2	–	2	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Hunt'ton's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
9. Alcoholic	2	1	3	6	–	6	3	–	3	–	–	–	–	1	1	–	–	–
10. With other drugs and exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	2	2	1	2	3	2	1	3	1	1	2	–	–	–	1	–	1
13. Manic-depressive	1	6	7	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
14. Involution melancholia	2	2	4	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	–	2	2	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychoses	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Total	10	14	24	15	10	25	12	2	14	10	10	20	10	15	25	6	12	18

TABLE 9.—*Degree of Education of First Admissions classified with Reference to Psychoses.*

Psychoses	Total			Illiterate			Reads and Writes			Common School			High School			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	18	27	45	1	2	3	8	11	19	6	11	17	3	3	6	–	–	–	–	–	–
3. With cerebral arteriosclerosis	14	13	27	2	2	4	2	3	5	4	7	11	5	1	6	1	–	1	–	–	–
4. General paralysis	23	2	25	4	–	4	6	1	7	7	1	8	5	–	5	1	–	1	–	–	–
5. With cerebral syphilis	2	2	4	–	–	–	–	1	1	1	1	2	–	–	–	1	–	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	9	15	–	–	–	1	2	3	5	5	10	–	2	2	–	–	–	–	–	–
9. Alcoholic	43	6	49	9	2	11	19	3	22	11	1	12	4	–	4	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	8	19	27	–	2	2	3	5	8	5	12	17	–	–	–	–	–	–	–	–	–
13. Manic-depressive	16	23	39	2	1	3	2	–	2	8	13	21	3	7	10	1	2	3	–	–	–
14. Involution melancholia	5	3	8	–	–	–	–	–	–	4	3	7	–	–	–	1	–	1	–	–	–
15. Dementia praecox	45	49	94	4	2	6	6	9	15	23	24	47	10	14	24	2	–	2	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	5	9	2	3	5	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	5	4	9	1	1	2	–	–	–	4	3	7	–	–	–	–	–	–	–	–	–
22. Without psychosis	3	5	8	2	1	3	–	1	1	1	2	3	–	1	1	–	–	–	–	–	–
Total	194	171	365	27	17	44	49	39	88	81	85	166	30	28	58	7	2	9	–	–	–

TABLE 10.—*Environment of First Admissions classified with Reference to Principal Psychoses.*

PSYCHOSES	TOTAL			URBAN			RURAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–
2. Senile	18	27	45	16	20	36	2	7	9
3. With cerebral arteriosclerosis	14	13	27	6	10	16	8	3	11
4. General paralysis	23	2	25	20	2	22	3	–	3
5. With cerebral syphilis	2	2	4	–	2	2	2	–	2
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	–	1	1	–	1	–	–	–
8. With other brain or nervous diseases	6	9	15	5	6	11	1	3	4
9. Alcoholic	43	6	49	29	4	33	14	2	16
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	1	1
11. With pellagra	–	1	1	–	1	1	–	–	–
12. With other somatic diseases	8	19	27	6	12	18	2	7	9
13. Manic-depressive	16	23	39	12	18	30	4	5	9
14. Involution melancholia	5	3	8	5	2	7	–	1	1
15. Dementia praecox	45	49	94	36	40	76	9	9	18
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	1	1	2	–	–	–
18. Psychoneuroses	–	1	1	–	1	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	5	9	4	5	9	–	–	–
21. Undiagnosed	5	4	9	4	1	5	1	3	4
22. Without psychosis	3	5	8	2	4	6	1	1	2
Total	194	171	365	147	129	276	47	42	89

TABLE 11.—*Economic Condition of First Admissions classified with Reference to Principal Psychoses.*

PSYCHOSES	TOTAL			DEPENDENT			MARGINAL			COMFORTABLE			UNASCERTAINED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	18	27	45	4	4	8	11	16	27	3	7	10	–	–	–
3. With cerebral arteriosclerosis	14	13	27	–	–	–	9	10	19	5	3	8	–	–	–
4. General paralysis	23	2	25	1	–	1	18	2	20	4	–	4	–	–	–
5. With cerebral syphilis	2	2	4	–	1	1	1	1	2	1	–	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
8. With other brain or nervous diseases	6	9	15	–	–	–	5	6	11	1	3	4	–	–	–
9. Alcoholic	43	6	49	2	1	3	37	5	42	4	–	4	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	8	19	27	–	1	1	6	14	20	2	4	6	–	–	–
13. Manic-depressive	16	23	39	–	–	–	13	17	30	3	6	9	–	–	–
14. Involution melancholia	5	3	8	–	–	–	4	2	6	1	1	2	–	–	–
15. Dementia praecox	45	49	94	2	3	5	35	36	71	8	10	18	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	–	1	1	1	–	1	–	–	–
18. Psychoneuroses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	5	9	–	4	4	4	1	5	–	–	–	–	–	–
21. Undiagnosed	5	4	9	–	–	–	5	3	8	–	1	1	–	–	–
22. Without psychoses	3	5	8	–	1	1	3	2	5	–	2	2	–	–	–
Total	194	171	365	9	15	24	152	119	271	33	37	70	–	–	–

TABLE 12.—*Use of Alcohol by First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	18	27	45	7	22	29	8	3	11	–	–	–	3	2	5
3. With cerebral arteriosclerosis	14	13	27	8	12	20	3	–	3	1	–	1	2	1	3
4. General paralysis	23	2	25	8	1	9	8	1	9	6	–	6	1	–	1
5. With cerebral syphilis	2	2	4	–	2	2	1	–	1	1	–	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	9	15	4	9	13	2	–	2	–	–	–	–	–	–
9. Alcoholic	43	6	49	–	–	–	–	–	–	43	6	49	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	8	19	27	4	17	21	3	1	4	1	1	2	–	–	–
13. Manic-depressive	16	23	39	9	20	29	2	3	5	5	–	5	–	–	–
14. Involution melancholia	5	3	8	4	3	7	1	–	1	–	–	–	–	–	–
15. Dementia praecox	45	49	94	25	40	65	13	7	20	5	–	5	2	2	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	–	1	1	1	–	1	–	–	–
18. Psychoneuroses	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	5	9	3	5	8	1	–	1	–	–	–	–	–	–
21. Undiagnosed	5	4	9	2	3	5	1	–	1	2	–	2	–	1	1
22. Without psychosis	3	5	8	–	5	5	2	–	2	1	–	1	–	–	–
Total	194	171	365	75	141	216	45	17	62	66	7	73	8	6	14

TABLE 13.—*Marital Condition of First Admissions classified with Reference to Principal Psychoses.*

Psychoses	Total			Single			Married			Widowed			Separated			Divorced			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	18	27	45	4	5	9	3	4	7	9	17	26	2	–	2	–	1	1	–	–	–
3. With cerebral arteriosclerosis	14	13	27	1	2	3	11	3	14	2	7	9	–	–	–	–	1	1	–	–	–
4. General paralysis	23	2	25	5	1	6	16	1	17	2	–	2	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	2	2	4	1	–	1	–	1	1	–	–	–	–	–	–	1	1	2	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	9	15	3	3	6	3	6	9	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	43	6	49	14	–	14	24	4	28	4	1	5	–	–	–	1	1	2	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
12. With other somatic diseases	8	19	27	1	4	5	3	13	16	4	2	6	–	–	–	–	–	–	–	–	–
13. Manic-depressive	16	23	39	10	4	14	5	16	21	1	3	4	–	–	–	–	–	–	–	–	–
14. Involution melancholia	5	3	8	1	1	2	3	2	5	1	–	1	–	–	–	–	–	–	–	–	–
15. Dementia praecox	45	49	94	32	28	60	12	17	29	1	–	1	–	2	2	–	2	2	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroess	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	5	9	3	5	8	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	5	4	9	1	–	1	4	4	8	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	3	5	8	1	4	5	1	–	1	–	–	–	–	1	1	1	–	1	–	–	–
Total	194	171	365	78	57	135	87	73	160	24	30	54	2	4	6	3	7	10	–	–	–

TABLE 14.—*Psychoses of Readmissions.*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–
2. Senile, total	–	–	–	1	1	2
(e) Paranoid type	1	1	2	–	–	–
3. With cerebral arteriosclerosis	–	–	–	1	1	2
4. General paralysis	–	–	–	1	–	1
5. With cerebral syphilis	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–
8. With other brain or nervous diseases, total	–	–	–	1	–	1
1. Encephalitis lethargica	1	–	1	–	–	–
9. Alcoholic, total	–	–	–	2	1	3
(e) Chronic hallucinosis	1	–	1	–	–	–
(g) Chronic paranoid	1	1	2	–	–	–
10. Due to drugs and other exogenous toxins, total	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–
12. With other somatic diseases, total	–	–	–	–	1	1
(c) Exhaustion delirium	–	1	1	–	–	–
13. Manic-depressive, total	–	–	–	7	18	25
(a) Manic type	4	6	10	–	–	–
(b) Depressive type	1	9	10	–	–	–
(e) Circular type	–	2	2	–	–	–
(d) Mixed type	2	1	3	–	–	–
14. Involution melancholia	–	–	–	1	–	1
15. Dementia praecox, total	–	–	–	15	21	36
(a) Paranoid type	6	8	14	–	–	–
(b) Catatonic type	4	9	13	–	–	–
(c) Hebephrenic type	5	4	9	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–
18. Psychoneuroses	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	1	1
20. With mental deficiency	–	–	–	4	1	5
21. Undiagnosed	–	–	–	–	1	1
22. Without psychosis	–	–	–	–	–	–
Total	–	–	–	33	46	79

TABLE 15.—*Discharge of Patients classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES	TOTAL			RECOVERED			IMPROVED			UNIMPROVED			NOT INSANE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
2. Senile	1	4	5	–	–	–	–	4	4	1	–	1	–	–	–
3. With cerebral arteriosclerosis	3	–	3	–	–	–	2	–	2	1	–	1	–	–	–
4. General paralysis	3	2	5	–	–	–	3	2	5	–	–	–	–	–	–
5. With cerebral syphilis	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	4	5	–	2	2	1	1	2	–	1	1	–	–	–
9. Alcoholic	23	2	25	22	2	24	1	–	1	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	8	13	4	7	11	1	1	2	–	–	–	–	–	–
13. Manic-depressive	18	24	42	16	23	39	1	1	2	1	–	1	–	–	–
14. Involution melancholia	2	2	4	1	2	3	1	–	1	–	–	–	–	–	–
15. Dementia praecox	27	32	59	–	–	–	25	29	54	2	3	5	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
18. Psychoneuroses	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
20. With mental deficiency	5	1	6	–	–	–	4	1	5	1	–	1	–	–	–
21. Undiagnosed	1	2	3	–	–	–	1	2	3	–	–	–	–	–	–
22. Without psychosis	2	2	4	–	–	–	–	–	–	–	–	–	2	2	4
Total	91	92	183	43	39	82	40	46	86	6	5	11	2	2	4

TABLE 16.—*Causes of Death of Patients classified with Reference to Principal Psychoses*

Causes of Death	Total			Senile			With Cerebral Arterio-sclerosis			General Paralysis			With Cerebral Syphilis			With Hunt-ingtoon' Chrea			With Brain Tumor.			With other Brain or nervous Disease		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.	M.	F.	T.
General Diseases																								
Acute Alcoholism	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of breast	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of intestine	4	1	5	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of rectum	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes mellitus	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Influenza	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pellagra	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pernicious anaemia	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sarcoma of tongue	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis, pulmonary	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nervous System																								
Brain tumor	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Cerebral hemorrhage	12	14	26	3	2	5	8	5	13	–	–	–	–	2	2	–	–	–	–	–	–	–	1	1
Encephalitis lethargica	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	3	4
General paralysis	9	2	11	–	–	–	–	–	–	9	2	11	–	–	–	–	–	–	–	–	–	–	–	–
Huntington's chorea	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Respiratory System																								
Bronchitis, purulent	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia, broncho	1	2	3	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia, lobar	2	2	4	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Circulatory System																								
Angina pectoris	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral Embolus	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral Thrombosis	4	10	14	1	2	3	3	4	7	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Endocarditis and myocarditis	10	17	27	4	8	12	3	2	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	11
Digestive System																								
Gastro-enteritis, acute	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Genito-Urinary System																								
Nephritis, chronic	20	6	26	3	2	5	4	3	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Puerperal State																								
Septicaemia, due to miscarriage	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Skin																								
Gangrene	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
External Causes																								
Fracture of skull	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Inhalation pneumonia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Suicide by hanging	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Suicide by cutting throat (before admission)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	77	73	150	13	20	33	19	1	34	10	2	12	–	3	3	1	–	1	1	–	1	1	5	6

TABLE 16.—*Causes of Death of Patients classified with Reference to Principal Psychoses*—Concluded.

Cause of Death	Alcoholic			With Pellagra			With other Somatic Diseases			Manic-Depressive			Involution Melancholia			Dementia Praecox			With Mental Deficiency		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General Diseases																					
Acute Alcoholism	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of breast	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Carcinoma of intestine	–	–	–	–	–	–	1	–	1	2	–	2	1	–	1	–	–	–	–	–	–
Carcinoma of rectum	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes mellitus	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Influenza	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Pellagra	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pernicious anaemia	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Sarcoma of tongue	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Tuberculosis, pulmonary	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	1	2	3	–	–	–
Nervous System																					
Brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	–	2	2	–	–	–	–	–	–	1	–	1	–	–	–	–	2	2	–	–	–
Encephalitis lethargica	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General paralysis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Respiratory System																					
Bronchitis, purulent	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia, broncho	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia, lobar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	1	–	1
Circulatory System																					
Angina pectoris	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Cerebral embolus	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral thrombosis	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1	–	–	–
Endocarditis and myocarditis	–	2	2	–	–	–	1	1	2	1	–	1	–	–	–	1	3	4	–	–	–
Digestive System																					
Gastro-enteritis, acute	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Genito-Urinary System																					
Nephritis, chronic	6	–	6	–	–	–	5	1	6	1	–	1	–	–	–	–	–	–	1	–	1
Puerperal State																					
Septicaemia due to miscarriage	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Diseases of the Skin																					
Gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
External Causes																					
Fracture of skull	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Inhalation pneumonia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Suicide by hanging	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Suicide by cutting throat (before admission)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Total	8	4	12	–	2	2	10	6	16	5	2	7	1	1	2	6	13	19	2	–	2

TABLE 17.—*Age of Patients at Time of Death classified with Reference to Principal Psychoses.*

Psychoses	Total			Under 15 Years			15–19 Years			20–24 Years			25–29 Years			30–34 Years			35–39 Years			40–44 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	13	20	33	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	19	15	34	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	10	2	12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3	1	1	2
5. With cerebral syphilis	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	5	6	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
9. Alcoholic	8	4	12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	10	6	16	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	1	–	1	–	–	–
13. Manic-depressive	5	2	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
14. Involution melancholia	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	6	13	19	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	1	–	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	77	73	150	–	–	–	–	–	–	–	–	–	1	2	3	–	1	1	3	3	6	4	1	5

TABLE 17.—*Age of Patients at Time of Death classified with Reference to Principal Psychoses.*—Concluded.

	45–49 Years			50–54 Years			55–59 Years			60–64 Years			65–69 Years			70–74 Years			75–79 Years			Over 80 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	3	3	6	2	3	5	3	6	9	5	8	13
3. With cerebral arteriosclerosis	–	–	–	–	1	1	1	–	1	1	1	2	4	–	4	3	1	4	7	6	13	3	6	9
4. General paralysis	2	–	2	2	–	2	1	–	1	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	2	2	–	1	1	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	1	1	2	1	–	1	1	–	1	3	–	3	1	1	2	–	–	–	–	1	1	–	1	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	2	–	2	–	–	–	–	–	–	3	1	4	2	3	5	1	–	1	–	–	–	1	–	1
13. Manic-depressive	–	–	–	1	–	1	1	–	1	–	1	1	–	–	–	2	–	2	1	–	1	–	–	–
14. Involution melancholia	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
15. Dementia praecox	–	1	1	1	4	5	1	1	2	1	2	3	–	1	1	–	2	2	1	–	1	–	1	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	6	5	11	6	7	13	8	2	10	8	7	15	11	10	21	9	–6	15	12	13	25	9	16	25

TABLE 18.—*Total Duration of Hospital Life of Patients dying in Hospital classified according to Psychoses*

Psychoses	Total			Less than 1 Month			1–3 Months			4–7 Months			8–12 Months			1–2 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	13	20	33	4	4	8	–	3	3	1	1	2	2	2	4	3	3	6
3. With cerebral arteriosclerosis	19	15	34	8	5	13	3	4	7	1	2	3	4	3	7	1	–	1
4. General paralysis	10	2	12	3	–	3	2	–	2	1	1	2	1	–	1	2	–	2
5. With cerebral syphilis	–	3	3	–	1	1	–	1	1	–	–	–	–	–	–	–	1	1
6. With Huntington's chorea	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
7. With brain tumor	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
8. With other brain or nervous diseases	1	5	6	1	2	3	–	2	2	–	–	–	–	–	–	–	1	1
9. Alcoholic	8	4	12	7	1	8	–	–	–	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1
12. With other somatic diseases	10	6	16	3	1	4	2	2	4	–	–	–	2	2	4	1	1	2
13. Manic-depressive	5	2	7	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–
14. Involution melancholia	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
15. Dementia praecox	6	13	19	2	–	2	–	1	1	–	–	–	–	–	–	–	3	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	77	73	150	29	15	44	7	14	21	5	4	9	10	7	17	8	10	18

TABLE 18.—*Total Duration of Hospital Life of Patients dying in Hospital classified according to Psychoses.*—Concluded.

Psychoses	3–4 Years			5–10 Years			10–15 Years			15–20 Years			20–40 Years			40 Years and Over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	1	5	6	2	1	3	–	1	1	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	–	1	1	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
13. Manic-depressive	–	–	–	2	–	2	1	1	2	–	–	–	–	–	–	1	–	1
14. Involution melancholia	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	1	2	3	1	2	3	1	1	2	–	2	2	–	1	1	1	1	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	6	11	17	6	4	10	3	3	6	1	2	3	–	2	2	2	1	3

TABLE 19.—*Family-Care Department.*

	M.	F.	T.
Remaining October 1, 1925	–	9	9
Committed within year	–	2	2
Whole number of cases within the year	–	11	11
Dismissed within the year	–	3	3
Returned to institution	–	3	3
Discharged	–	–	–
Died	–	–	–
Escaped	–	–	–
Remaining September 30, 1926	–	8	8
Number of different persons within the year	–	11	11
Number of different persons admitted	–	2	2
Number of different persons dismissed	–	3	3
Daily average number	–	9.41	9.41

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1927

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON FINANCE AND ADMINISTRATION
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Miss Doris E. Montgomery, *Head Occupational Therapist.*

Commonwealth of Massachusetts

TRUSTEES' REPORT

To His Excellency the Governor of the Commonwealth and the Honorable Council:

The trustees of the Northampton State Hospital present herewith their report of the affairs of the institution for the fiscal year ending November 30, 1927.

A daily average of 1228.10 patients was maintained at an expenditure of $412,531.04. The receipts from board of patients and from sales were $121,733.94. The net weekly expenditure per patient was $4.55.

It is estimated that we shall have a daily average of 1310 patients during the coming year and shall need for their maintenance the sum of $502,774.66.

The Legislature of 1926 made an appropriation of $22,000.00 for an addition to the infirmary for women and one of $12,000 for the erection of two cottages for officers. The addition to the infirmary, providing accommodations for 44 additional patients has been completed and occupied. A stair tower adjoining it has been built providing an additional fire escape for the whole building. The two cottages are in process of building and will be ready for occupancy early in the coming year.

The Legislature of 1927 made appropriations for new buildings as follows; for the construction of a ward building to accommodate 159 patients the sum of $103,500.00 in anticipation of the appropriation of the same amount in 1928:

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1927

for the construction of a nurses' home to accommodate 99 nurses, the sum of $63,000.00 in anticipation of the appropriation of the same amount in 1928. The erection of both of these buildings is well under way with the expectation of their completion sometime early in the coming year.

It is estimated that there will be needed for repairs and renewals the sum of $16,063.00. These are incidental to the depreciation of buildings and equipment and are additional to ordinary repairs occurring annually. They are listed as follows;

For a floor surfacing machine the sum of $325.00. This is needed for repairs on the terrazzo floors in use, and for the renewal of floors in bath rooms in the older buildings, which will be done by our own workmen.

For additional fire-protection equipment, $510.00. Included are a hose reel, four lengths of hose, ten 2½ gallon fire extinguishers.

For standpipes in the stair tower of the infirmary for women, $480.00. The estimated cost is for pipes, valves and fittings.

For thermometers for the power plant, $150.00. These include a recording thermometer and four indicating thermometers on the hot water and main steam lines.

For renewal of piping to the hydraulic food elevators, $600.00. This sum is needed for new materials to replace the present line which has been in use for thirty years and is now in frequent need of repairs.

Plumbing fixtures for the old nurses' home, $385.00. These are needed to adapt the building to the needs of a dormitory for employees in the administrative and domestic departments.

Renewal of lighting fixtures in the administration building, $200.00. The old fixtures, in use nearly thirty years are not adequate for present day requirements

Lavatories in the first halls north, $460.00. The plumbing fixtures are too worn for further repair.

Hot water controllers for the fourth halls, $1258.00. This includes materials and fittings for nine controllers and three equalizer valves to control the heat of the water used for continuous baths.

For hot water controllers in the older wards, $2710.00. This includes eleven controllers and eleven equalizer valves with pipe and fittings.

Gas supply to tenement houses, $370.00. The city has recently extended its gas main through West and Earle Streets making gas available now for the tenements rented to our employees.

Heaters in houses No. 3 and No. 7, $650.00.

Power lawn mower, $400.00.

Repairs to the stone crusher, $150.00.

Enlargement of the steam main to the center and south wing, $1400.00. This is made necessary for the purpose of heating the nurses' residence and the two cottages now being erected.

Steam supply to cottages No. 11 and No. 12 including piping and radiators, $450.00.

Vacuum pumps, $700.00. These are to put the infirmary for women and the old nurses' home on the present vacuum system.

Coal crusher, $365.00. For more cheaply procuring samples of coal for analysis.

Electric wiring in the attics of the old buildings, $240.00. There are no lights there now and inspection of the attics at present is made by use of oil lanterns or portable electric lights.

Hot water controllers, $210.00. These are to control the steam supply to the hot water heating tanks.

Oil filter, $110.0.

Repair parts to the X-ray machine, $200.00.

Canning outfit, $985.00.

Material for the machine shop, $105.00. This includes pulleys, hangers and

shafting for the purpose of re-arranging the machinery now in use: additions have been made from time to time and now each machine is so placed as to be at a disadvantage to others.

A snow plow, $250.00.

Repairs to the partitions and floors in the cold storage plant, $1100.00.

Renewal of floors in the farm ward, in the store house and in the cow barn, $500.00.

Painting of various buildings, $800.00. These are the greenhouse, the nurses' home, the pavilion. *Total*, $16,063.00.

Again we request an appropriation to rebuild the recreation building which was destroyed by fire. This was given in memory of Mr. L. D. James who gave valuable service to the Commonwealth as a member of our Board for twenty-four years. The building was not insured, this being in accordance with the policy of the State. We found it very useful in the treatment of our patients. For this reason it should be rebuilt but also as a matter of courtesy and appreciation. There is now no suitable place available for the men from the wards to go for smoking and assembly. This privilege is one of the few we can offer to patients who work about the grounds and it is a means of persuading patients to get out-of-doors who otherwise would remain in-doors.

We call attention again to what we said in our report of last year relative to our need of more land. Our present acreage is not sufficient for the requirements of an institution of a thousand patients. We have now thirteen hundred, and provisions for two thousand are contemplated. The report of our head farmer incorporated in the report of the superintendent tells of this need and we urge serious consideration of the matter.

There has been one change in the personnel of our Board during the year. Mr. Walter L. Stevens of Northampton was appointed to fill the unexpired term of Mr. Gere.

The vacant position on our medical staff that existed last year has been filled by the appointment of Dr. Albert Bourcier who began his service June 1, 1927.

Respectfully submitted,

CHARLES W. KING, GEORGE C. LUNT,
LAURENCE D. CHAPIN, EMILY N. NEWTON,
ALBERT M. DARLING, CAROLINE A. YALE,
WALTER L. STEVENS.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

The superintendent's report of the affairs of the hospital for the fiscal year ending November 30, 1927, is hereby respectfully submitted, with a brief analysis of the statistical tables which accompany it.

Movement of Population

On October 1, 1926, there were 1432 patients on our books. During the year 493 were admitted, making a total of 1925 under care and treatment: 428 were dismissed, leaving 1499 on our books on September 30, 1927, of which number 1223 were in the hospital, 6 were in family care, 244 were away from the hospital on trial visit and 26 were away without leave.

The daily average number cared for in the hospital was 1226, and the daily average number in family care and on visit was 225.

Admissions

The number of admissions was larger than in any previous year except 1925.

A review of our records shows a fairly steady increase in admissions over a long period of years. During the five-year period ending September 30, 1927, there

were 253 more admissions than in the preceding five-year period, and a similar increase in the future may be expected. As the district served by our hospital grows in population the number in need of hospital care increases correspondingly. Furthermore there is a growing confidence in state institutions, a lessening apprehension of them and a better realization by the public of the benefits of early hospital treatment. For these reasons a greater use of the hospitals is being made, and these facts must be considered in making future provision for the care of our mental cases.

The first admissions presented about the same relative proportions of the recognized types or forms of psychosis, as in former years. Much the larger number had mental disorders unfavorable for recovery. These included the feeble-minded, dementia praecox cases, paretics, and organic and senile cases.

Among the first admissions were 44 cases of manic-depressive psychosis, from which group the larger proportion of recoveries is to be expected.

Nine of the admissions were classified as without psychosis. These were cases of epilepsy, of psychopathic personality and of mental deficiency.

Advanced age was a leading factor in the etiology of many cases: 61 were over seventy years of age on admission and of these 18 were over eighty years old.

The foreign born made up 34% of the admissions and 66% were of foreign parentage.

Dismissals

There were 428 patients dismissed, classified as to condition on discharge as follows; recovered 72, improved 104, not improved 29, without psychosis 8 (1 epileptic, 1 drug addict, the others being cases of delinquency and cases sent for observation and found not psychotic) and 9 were transferred to other institutions: 4 to the United States Veterans' Hospital No. 95, 2 to Foxborough State Hospital, and 1 each to the State Hospitals at Grafton, Medfield and Monson.

One hundred and fifty-three patients died, the principal causes of death being; cerebral embolism and cerebral hemorrhage 45: chronic endocarditis and myocarditis 28: general paresis 18: pulmonary tuberculosis 8: broncho pneumonia 6, and carcinoma 4. It is noteworthy that encephalitis lethargica was the cause of death in 5 cases.

As may be seen from the above tabulation physical causes due to old age or accompanying it were factors in a very large proportion of cases. Only 18 who died were under forty years of age, and only 61 were under sixty, while 92 were over sixty and 18 of these were over eighty years old at time of death.

Medical Activities

The large number of admissions entailed a good deal of routine medical work—physical and mental examinations of each patient admitted, examinations of blood and of spinal fluid for the Wasserman reaction, analyses of blood, sputum and the like, vaccinations and antityphoid inoculations of patients and employees, and administrations of diphtheria antitoxin in a large number of cases.

Wasserman tests and findings were as follows; of 546 blood tests made, 71 were positive, and of 36 spinal fluid tests, 20 were positive. Sixty-three patients were treated for syphilis to whom 566 treatments were given, largely of sulpharsphenamin, but a few cases were treated with bismuth, sodium and mercury.

The dentist reports fillings, extractions and other treatments to the number of 2696.

Hydrotherapy, which has been an important therapeutic measure here during the past thirty years was used in an increasingly larger number of cases. Opportunity for such increasing use was afforded by the opening of a suite of rooms in the new fourth halls on each side of the hospital, equipped with tubs, pack tables, and rest rooms. We were especially fortunate in having with us again Dr. Rebekah Wright to give our nurses another intensive course in training.

A course of demonstrations illustrating the different psychoses was given to the students in the summer session of the Smith College School for Social Work on two afternoons each week during August. Classes of students from the neighboring colleges, interested in economics and sociology, came for observation and instruction in their special topics, and student nurses in the training schools of nearby hospitals were given opportunities for studying the psychoses and methods of treatment.

Talks of an instructive nature telling of the work of the hospital, the daily care of patients, and the causes, prevention and treatment of mental disorders, were given to various clubs and groups of people.

Out-Patient Service

Activities of the out-patient department established by us in 1911 have continued.

Stated clinics have been held each week in one of the neighboring cities by one or more members of the medical staff.

On one day of each week, our assistant has attended the Juvenile Court in Springfield as has been customary since 1923.

Larger demands are being made on the service of the social worker because of our increased number of patients and the large territory making up our district. It is impossible to give as close supervision as desirable, to those away on visit, in addition to necessary examinations, adjustments and the like. An assistant social worker can be used with great profit especially in the supervision of patients on trial visit, with the possibility of increasing still further the number allowed to go home, and the hope is expressed that one may be added to our staff.

Our assistant physician with the psychologist, has given all available time to the examination of the retarded school children of our district but has not been able to examine all children who have been referred to our school clinic. The importance of this work and the benefits to result from it have not been realized fully by the school authorities in some of the towns of our district but each year there is heartier co-operation from them.

At the clinics 191 patients reported: inquiries by relatives were made in 452 cases, and 30 consultations were had. There were referred by the courts 117 cases: by schools 962: and from other agencies 75—making a total of 1827 examinations, consultations and interviews at the various clinics.

Training School

One student nurse, Eleanor Dobrydnio, completed her three-year course and was graduated in October.

Two intermediate students completed their twelve-month period of affiliation at the State Infirmary and have entered upon their senior year.

The nursing situation in the state hospitals has been undergoing modifications for the past few years so serious that conferences of the authorities of the various schools have been held to consider a new curriculum. It has been thought advisable by us therefore, not to accept new students for training till a revised course shall be adopted.

Occupation, Recreation, Assemblies of Patients

Liberal use has been made of occupation and amusement which are universally considered the two most potent moral agencies in the treatment of mental cases. Many patients have helped in the routine work of the various departments of the institution, also in the varied activities connected with our building program.

In no previous year have so many patients been employed out-of-doors. As formerly they have taken a large part in the farm work. Extensive grading has been done around the new buildings, especially about the two cottages and the nurses' residence. The excavation for the foundations of these buildings was done

entirely by patients. Loam was removed over an area of approximately an acre and this space was filled with material brought from near the new Ward A building. Next spring this will be graded and the loam will be replaced, making a well-graded lawn where before the surface was low, irregular and damp.

Trenches have been excavated for water pipes, steam pipes, telephone and electric lighting wires and sewers, a total of about 5100 feet in length, nearly a mile.

An important piece of work was the rebuilding of the main driveway to the hospital from the pines to the front porch, a distance of 720 feet. This was widened and regraded, with field stone at the bottom and crushed stone on top, making an excellent foundation for a permanent roadway.

Three occupational therapists have been employed throughout the year giving instructions to convalescent patients in special lines of occupation. A very brief outline of the work done under their supervision is as follows; 117 bureau covers: 10 embroidered doilies and squares: 152 cretonne curtains with valances: 43 cretonne pillows: 23 linen pillows: 4229 towels, pillow cases, sheets and flour sacks were hemmed: 15½ yards of tatting: 94 pieces of raffia basketry, baskets and napkin rings: 38 linen table runners: 611 knitted articles: 12 hooked rugs: 211 pieces in weaving—pillows and table runners: 20 oil paintings and 12 water colors.

In the men's department 1023 pairs of shoes were soled, heeled and patched: 478 mattresses were made of old material and 163 of new: 252 pillows were made of old material and 46 of new: 75 chairs were caned: 674 brooms were made: 475 rugs were made: 24 canvas mattresses: 78 baskets repaired: 101 pairs of overalls were made: 141 jumpers were made: 27 hydro pillows were made: 2 chairs were upholstered: 24 large size laundry baskets were made.

Religious services have been held every Lord's Day: in the morning for Catholic patients, and in the afternoon for Protestants. Many patients attend both services.

Moving pictures are shown every Tuesday evening, and dancing parties are held on Thursday evenings from Thanksgiving till warm weather.

Holidays, Hallowe'en and St. Patrick's day brought special entertainments appropriate to the day.

Additional entertainments were concerts by patients, a masquerade party, a minstrel show given by the Masons, a band concert by the American Legion Band and a concert by the Kratochvil Brothers Orchestra of Westfield.

These add much to our pleasure, and opportunity is taken here to express our gratitude to those who kindly volunteered their services in the above exercises.

Farm

An instructive report of the farm activities has been submitted by the head farmer but because of its length a brief abstract only is here presented.

Staple crops varied much in yield. Because of extremely wet weather in July and August the potato crop suffered from blight in the field and later from rot in the bins.

About the usual tonnage of hay was made in spite of unfavorable weather.

The yield of turnips was large, over a thousand bushels being stored.

Thirty-five acres were in garden crops. With one or two exceptions the production was up to the average and of some crops was heavy, notably of tomatoes and onions. Twenty-two tons of tomatoes were harvested and consumed. Winter squash, cabbage, beets and carrots were produced in quantities as large as can be used under present conditions of storage. Our experience demonstrates our need of larger canning and dehydrating facilities to take care of surplus tomatoes, cabbage and squash.

This was not an "apple year" but enough apples were gathered to carry us well into the following year. One hundred apple trees of standard varieties were set out, in the pursuance of our policy followed for several years past to enlarge our orchards in order to supply the needs of an institution of two thousand patients.

There was a large yield of strawberries: other small fruits produced about an average yield.

Our dairy herd is in excellent condition although we have had a good deal of trouble throughout the year from abortion: knowledge of causes and treatment are so limited that our efforts to get rid of the trouble were rather unsatisfactory. Fortunately in all the cases but one the calves lost were males.

Of 80 animals in the herd 54 are registered and 16 are grade. These latter are kept because they are good milk producers but no attempt is made to breed from them.

Milk production was large, the average yield per year from 48 cows being a little over 14,000 pounds. Individual records of the more productive cows, all registered, were as follows; two produced 17,000 pounds each, two 15,000 pounds each and two 14,000 pounds each. Of the heifers with first calf, one produced 17,000 pounds, one 15,000 pounds, one 13,000 pounds and two 12,000 pounds each.

Efforts are being continued to improve our herd of swine. All the pigs we raised were from registered Duroc-Jersey stock. The results of good breeding have been shown by a more rapid growth than formerly to a suitable weight for slaughter.

A Duroc-Jersey boar and two sows of the same breed, all registered, were purchased with the intention of developing a herd of all pure-bred animals.

A litter of eleven pigs was entered in the state ton-litter contest. They made a weight of 2630 pounds in 180 days. Though not taking first prize their weight was nearly 250 pounds more than the weight of the prize litter of last year, and the results fully repaid our efforts.

A thousand day-old chicks were purchased, of which number 350 pullets were raised as "layers." A new laying-house 30 feet by 50 feet was built.

The care of the poultry has devolved upon our head farmer with what assistance he could get from farm hands who have had no special training in the care of poultry. If our plant is to be developed to its full possibilities of usefulness it should be made large enough to warrant full-time employment of one experienced man, at least during the season when the small chicks are being cared for.

About 18 acres in the West lot and Ferris lots and 2 acres beyond Sunset Pasture were thoroughly cleared of stone. Everything, from cobble-stones to the largest boulders, was removed. In some cases it was necessary to drill and blast before removal was possible. Groups of men were set to follow directly behind the plow and everything within plowing depth was removed. This has been found to be necessary in order to use tractor-drawn implements, because striking a hidden boulder may easily cause serious damage to machines.

A new fence was built from the west gate to the upper corner of the west lot.

The old fence bordering the state road at the Easthampton pasture was removed. Posts and wire for a new fence are on hand and it will be erected as early in the spring as weather will permit.

If the institution farm is to continue to furnish a large proportion of the food requirements and if the population continues to increase, some provision must be made to give more land to this use. At the present time our plans call for about 90 acres of plowed land every year. At best we have not over 200 acres that can be cropped regularly and that does not allow for even a minimum three-year rotation. If possible such a system should allow for a four-year or five-year plan. We have about reached the limit of increase in tillable land. Most of the land left is either so steep that it should be left only in permanent sod or so rocky that it cannot be cleared at any reasonable cost.

The following figures show the yields of some of the principal crops for the past year; Ensilage corn, 25 acres, 272 tons: hay and rowen, 90 acres, 283 tons: 170 tons of hay, fed green: mangles, 2 acres, 15.9 tons: turnips, 4 acres, 1200 bushels: apples, 6 acres, 315 pounds: 2900 baskets of strawberries: 7300 pounds of string beans: 625 bushels of beets: 27 tons of cabbage: 430 bushels of carrots: 18,000

pounds of sweet corn: 50,000 pounds of onions: 18,000 pounds of rhubarb: 12 tons of winter squash: 44,500 pounds of tomatoes.

Repairs and Improvements

Many repairs, additions and new installations were made to the equipment of the hospital, of which a brief list of the more important ones is recorded here for convenience of future reference. These were done by our own corps of employees assisted by many patients.

Connections were made from the main water pipes of our fire system as follows; to the sprinkler system in B building of the new group: to the fire-hose stand-pipe in the stairway of the same building: to the stand-pipe in the North Infirmary.

All doors throughout the old buildings opening from one ward to another and to all stairways, exits and food-elevator shafts, were replaced with automatic fire-proof doors.

A 6-inch water pipe was laid to the new nurses' residence from the meter pit on the supply line to the new group of buildings, and from this line branches were laid to the new cottages No. 11 and No. 12.

A 4-inch water pipe was laid from the City's main on West Street near the bridge, to cottage No. 3 from which point smaller pipes were laid to cottages No. 2, No. 4 and No. 5.

A 3-inch water pipe was laid from the A building to the B building in the new group.

Toilet closets in the third halls south, and others in the basement of the dormitory for male employees, were replaced with new ones operated by flushometers.

Old electric wires which had been in use for thirty-three years and on which the insulation was defective were replaced with new wires properly insulated in the main kitchen: in the corridor of the rear center, in the employees' sitting room, along the basement corridor under north and south wings, and in the basement of the second halls south.

Electric wiring and fixtures were installed in the B building, in the treatment rooms of the fourth halls south and in the additions to the south Infirmary.

A trench was constructed from the street to the old nurses' home, south, passing near the new nurses' residence, and a conduit was laid through the basement of the old nurses' home for the extension of new telephone trunk lines from the street to the administration building. The telephone exchange was removed from the main corridor of the administration building to the former lavatory room adjoining the dispensary. Underground conduits for telephone and electric lighting wires were laid to cottages No. 11 and No. 12.

From the new city gas main in West Street we laid pipes to the B building and to cottages Nos. 1, 6, 7, 8, 9, 10, 11 and 12.

Steam heating systems were installed in one tenement of cottage No. 2 and in both tenements of cottage No. 8.

Many feet of Akron tile were laid: 1281 feet of 8-inch tile from the nurses' residence to the City's sewer at the junction of West and Earle Streets: 100 feet of 6-inch tile to cottages No. 11 and No. 12: 136 feet of 6-inch tile to the A building and 330 feet of 8-inch tile to subdrain the cement foundations were made for cottages No. 11 and No. 12: slabs of precast cement were laid to receive and deflect the rain water from the roofs of the fourth halls north: cement block foundations and a cement floor were laid for a large hen house: cement steps were built for the west entrance of B building and for the stair tower at the south infirmary.

Much brick work and plastering was required around the fire doors and new ceilings were put up in eighteen rooms in various parts of the institution.

The gutters on the north side and west end of the third halls north were slated over and on the north end and west side of the second halls south, for a total length of 348 feet.

The indirect heating stacks in the basement of the south infirmary were removed and radiators were installed in the flues leading to the rooms above. The radiators in the air passage leading to this air chamber were also re-arranged by removing 200 square feet of radiation thus allowing freer passage of air to the chamber.

Additional radiation was installed in several of the attics to furnish heat for protection of the sprinklers from freezing. Heaters were installed in cottages No. 2 and No. 3.

New Perfection hand-stokers were installed on boilers No. 1 and No. 4.

Old sinks were replaced with new in the upper kitchen and in pantries on the second and third floors of the administration building.

The bay window in the angle formed by the junction of the administration building with the first halls south was carried up above the roof of the south wing.

Hand-rails of brass were put in place at the front entrance to the administration building and on top of the railing along the balcony in Chapel.

New flag poles of steel sixty feet in height were erected to take the place of the old poles of wood which had become dangerous from decay.

Friends of the patients and of the institution have made contributions of books and magazines and of money for the purchase of Christmas presents for patients who have no relatives to remember them at the holiday season. The patients who received these presents are very appreciative and the officers of the institution are much encouraged by the interest shown in our efforts to make our patients comfortable and happy.

The few changes on our staff of workers during the year were as follows; Dr. Albert Bourcier was appointed assistant physician on June 1, 1927, to fill a vacancy of two or three years: Miss Mary W. Killam was appointed Social Worker on September 11, 1927, to fill the position left by Miss Whalen who resigned in June, 1926: Miss Theodosia Davis, Psychometrist, was appointed in September, 1927, to fill the position left by the resignation of Miss Stubbs.

Respectfully submitted,

J. A. HOUSTON, *Superintendent.*

VALUATION

NOVEMBER 30, 1927

Real Estate

Land, 513 acres	$ 167,700.00
Buildings	1,525,916.98
	$1,693,616.98

Personal Property

Travel, Transportation and Office Expenses	$ 1,818.93
Food	8,947.45
Clothing and Materials	17,800.57
Furnishings and Household Supplies	75,604.64
Medical and General Care	1,345.81
Heat, Light and Power	12,680.48
Farm	45,162.74
Garage, Stables and Grounds	7,468.36
Repairs	17,971.89
	$ 188,800.87

Summary

Real Estate	$1,693,616.98
Personal Property	188,800.87
	$1,882,417.85

TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1927.

Cash Account

Receipts

Income				
Board of Patients		$118,315.87	$118,315.87	
Personal Services:				
Reimbursement from Board of Retirement			111.19	
Sales:				
Food		$ 188.06		
Clothing and materials		69.20		
Furnishings and household supplies		23.25		
Medical and general care		58.30		
Farm:				
Cows and calves	$150.00			
Hides	31.50			
Sundries, guinea pigs	10.00			
		191.50		
Repairs, ordinary		33.14		
Arts and crafts sales		3.00		
			566.45	
Miscellaneous:				
Interest on bank balances		$ 1,670.03		
Rent		1,040.40		
Sundries, premium, Eastern States		30.00		
			2,740.43	
Total Income				$121,733.94

Maintenance

Balance from previous year, brought forward		$ 9,153.60
Appropriations, current year		423,700.00
Total		$432,853.60
Transferred to Taunton and Monson State Hospitals	$ 8,307.00	
Expenses (as analyzed below)	412,531.04	
		420,838.04
Balance reverting to Treasury of Commonwealth		$ 12,015.56

Analysis of Expenses

Personal services	$195,153.83
Religious Instruction	1,220.00
Travel, transportation and office expenses	5,479.34
Food	80,586.62
Clothing and materials	7,331.97
Furnishings and household supplies	20,827.71
Medical and general care	10,921.09
Heat, Light and power	36,850.44
Farm	19,738.30
Garage, stable and grounds	5,319.70
Repairs, ordinary	14,329.58
Repairs and renewals	14,772.46
Total Expenses for Maintenance	$412,531.04

FINANCIAL REPORT

Special Appropriations

Balance December 1, 1926		$ 89,872.90
Appropriations for current year		166,500.00
Total		$256,372.90
Expended during the year (see statement below)	$165,467.55	
Reverting to Treasury of Commonwealth	1,188.33	
		166,655.88
Balance November 30, 1927, carried to next year		$ 89,717.02

Object	Act or Resolve	Whole Amount	Expended During Fiscal Year	Total Expended to Date	Balance at End of Year
Additional Sprinklers	Chap. 211, '25	$ 14,555.00	–	$ 14,275.79	$ 279.21*
New Ward Building	Chap. 79, '26	207,000.00	43,878.93	206,242.93	757.07
Fire Protection, 1925	Chap. 347, '25	12,000.00	10,104.72	11,090.88	909.12*
Addition to Female Infirmary	Chap. 79, '26	22,000.00	17,565.92	17,622.07	4,377.93
Cottages for Employees	Chap. 79, '26	12,000.00	3,482.02	3,482.02	8,517.98
Ward Building	Chap. 138, '27	103,500.00	54,528.51	54,528.51	48,971.49
Nurses' Home	Chap. 138, '27	63,000.00	35,907.45	35,907.45	27,092.55
		$434,055.00	$165,467.55	$343,149.65	$90,905.35

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	$ 1,188.33
Balance carried to next year	89,717.02
Total as Above	$ 90,905.35

PER CAPITA

During the year the average number of inmates has been 1,228.10.
Total cost for maintenance, $412,531.04.
Equal to a weekly per capita cost of $6.4598 (52 weeks to year).
Receipt from sales, $566.45.
Equal to a weekly per capita of $0.0089.
All other institution receipts, $121,167.49.
Equal to a weekly per capita of $1.8974.
Net weekly per capita, $4.5535.

Respectfully submitted,

EVA L. GRAVES, *Treasurer.*

Total receipts and payments are in agreement with Comptroller's books of account.

JAMES C. McCORMICK.

STATISTICAL TABLES

AS ADOPTED BY AMERICAN PSYCHIATRIC ASSOCIATION

PRESCRIBED BY MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1.—*General Information*

1. Date of opening as an institution for the insane: August 16, 1858.
2. Type of institution: State.
3. Hospital plant:

Real estate, including buildings and betterments	$1,525,916.98
Personal property	188,800.87
Total	$1,714,717.85

Total acreage of hospital property: 513½.
Acreage under cultivation during year: 145.

4. Medical service:

	Men	Women	Total
Superintendents	1	–	1
Assistant physicians	3	4	7
Dentist	1	–	1
Medical internes	–	–	–
Clinical assistants	–	–	–
	5	4	9
5. Employees:			
Graduate nurses	–	5	5
Other nurses and attendants	54	37	91
Social workers	–	1	1
All other employees	59	44	103
	113	87	200
6. Percentage of patients employed during year	.56	.67	.61½

TABLE 2.—*Financial Statement*

See treasurer's report for data requested under this table.

TABLE 3.—*Movement of Patient Population for the Year ending September 30, 1927*

	Insane			Other Classes: Sane Voluntary			Other Classes: Temporary Care and Observation Not Committed			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on books of institution September 30, 1926	679	742	1421	2	–	2	8	1	9	689	743	1432
Admissions during year:												
a. First admissions	*190	166	356	2	2	4	33	10	43	225	178	403
b. Re-admissions	†36	38	74	1	1	2	4	1	5	41	40	81
Total Admissions	226	204	430	3	3	6	37	11	48	266	218	484
c. Transfers from other institutions for insane	5	6	11	–	–	–	–	–	–	5	6	11
2. Total received during year	231	210	441	3	3	6	37	11	48	271	224	495
3. Total under treatment during year	910	952	1862	5	3	8	45	12	57	960	967	1927
Discharged from books during year:												
a. As recovered	32	40	72	–	–	–	18	–	18	50	40	90
b. As improved	57	47	104	–	–	–	3	5	8	60	52	112
c. As unimproved	18	11	29	–	–	–	4	3	7	22	14	36
d. As not insane	3	5	8	3	3	6	6	1	7	12	9	21
e. Transferred to other institutions for insane	6	3	9	–	–	–	–	–	–	6	3	9
f. Died during year	94	59	153	–	–	–	3	2	5	97	61	158
Nominally dismissed for commitment	–	–	–	–	–	–	2	–	2	2	–	2
4. Total discharged from books during year	210	165	375	3	3	6	36	11	47	249	179	428
5. Patients remaining on books of institution September 30, 1927	700	787	1487	2	–	2	9	1	10	711	788	1499
Supplementary Data												
6*a*. Average daily number of patients on books during year	707.38	769.83	1477.21	.44	.34	.78	2.97	.064	3.034	711.78	770.23	1482.01
6*b*. Average daily number of patients actually in institution during year	580.37	642.12	1222.49	.44	.34	.78	2.96	.064	2.034	583.77	642.52	1226.29
7*a*. Average daily number of patients in family care	–	7.18	7.18	–	–	–	–	–	–	–	7.18	7.18
7*b*. Average daily number of patients on visit and escape	127.01	120.53	247.54	–	–	–	1	–	1	128.01	120.53	248.54
8. Number of voluntary patients admitted within the year	–	2	2	3	3	6	–	–	–	3	5	8
9. Number of temporary care cases admitted within the year	101	98	199	–	–	–	53	13	66	154	111	265
10. Number of patients actually remaining in institution September 30, 1927	571	641	1212	2	–	2	8	1	9	581	642	1223
11. Number of patients in family care September 30, 1927	–	6	6	–	–	–	–	–	–	–	6	6
12. Number of different persons within the year	907	947	1854	5	3	8	45	12	57	957	962	1919
13. Number of different persons admitted from the community	230	210	440	3	3	6	37	11	48	270	224	494
14. Number of different persons dismissed, exclusive of transfers	203	161	364	3	3	6	36	11	47	242	175	417

	Male	Female	Total
15. Number of non-insane patients or inmates in institution at end of institution year	2	–	2
H. Persons given advice or treatment in out-patient department during year	389	476	865
I. Pupils examined in School Clinics	627	335	962

*Includes 1 male committed after October 1 from temporary care of 1925–1926.
†Includes 1 male committed after October 1 from temporary care of 1925–1926.

TABLE 4.—*Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
United States	128	104	232	74	76	150	52	59	111
Australia	–	–	–	–	–	–	1	–	1
Austria	4	2	6	5	5	10	3	3	6
Belgium	–	–	–	–	–	–	1	–	1
Canada	8	12	20	21	18	39	19	17	36
Denmark	1	–	1	1	1	2	–	–	–
England	8	2	10	12	11	23	8	3	11
France	1	–	1	1	2	3	1	–	1
Germany	1	3	4	9	9	18	8	8	16
Hungary	–	1	1	1	1	2	1	2	3
Ireland	10	17	27	26	28	54	40	41	81
Italy	7	7	14	9	9	18	10	9	19
Poland	10	13	23	10	15	25	14	14	28
Portugal	–	1	1	–	–	–	1	1	2
Russia	7	2	9	7	7	14	2	2	4
Scotland	3	2	5	6	1	7	3	2	5
Sweden	–	–	–	–	–	–	1	1	2
Switzerland	–	–	–	1	1	2	1	2	3
Turkey in Europe	–	–	–	1	1	2	–	–	–
Total foreign born	60	62	122	110	109	219	114	105	219
Unascertained	1	–	1	5	4	9	–	2	2
Grand Total	189	166	355	189	189	378	166	166	332

TABLE 5.—*Citizenship of First Admissions*

	Male	Female	Total
Citizens by birth	128	104	232
Citizens by naturalization	28	29	57
Aliens	31	32	63
Citizenship unascertained	2	1	3
Total	189	166	355

TABLE 6.—*Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic, total	–	–	–	–	1	1
(b) Traumatic constitution	–	1	1	–	–	–
2. Senile, total	–	–	–	11	14	25
(a) Simple deterioration	3	3	6	–	–	–
(b) Presbyophrenic type	1	2	3	–	–	–
(c) Delirious and confused states	2	4	6	–	–	–
(d) Depressed and agitated states	3	3	6	–	–	–
(e) Paranoid type	2	2	4	–	–	–
3. With cerebral arteriosclerosis	–	–	–	31	15	46
4. General paralysis	–	–	–	10	4	14
5. With cerebral syphilis	–	–	–	1	1	2
6. With Huntington's chorea	–	–	–	–	1	1
7. With brain tumor	–	–	–	–	–	–
8. With other brain or nervous diseases, total	–	–	–	1	2	3
3. Encephalitis lethargica	–	2	2	–	–	–
4. Undiagnosed	1	–	1	–	–	–
9. Alcoholic, total	–	–	–	46	5	51
(a) Delirium tremens	1	–	1	–	–	–
(b) Korsakow's psychosis	9	2	11	–	–	–
(c) Acute hallucinosis	27	1	28	–	–	–
(d) Other types, chronic	9	2	11	–	–	–
10. Due to drugs and other exogenous toxins, total	–	–	–	1	–	1
(b) Chronic lead poisoning	1	–	1	–	–	–
11. With pellagra	–	–	–	–	–	–
12. With other somatic diseases, total	–	–	–	6	21	27
(a) Delirium with infectious diseases	–	1	1	–	–	–
(b) Post infectious psychosis	1	1	2	–	–	–
(c) Exhaustion delirium	1	7	8	–	–	–
(d) Delirium of unknown origin	–	4	4	–	–	–
(e) Cardio-renal disease	4	6	10	–	–	–
(f) Diseases of the ductless glands	–	2	2	–	–	–
13. Manic-depressive, total	–	–	–	12	32	44
(a) Manic type	7	9	16	–	–	–
(b) Depressive type	4	16	20	–	–	–
(c) Other types	1	7	8	–	–	–
14. Involution melancholia	–	–	–	11	6	17
15. Schizophrenia	–	–	–	50	45	95
16. Paranoia and paranoid conditions	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	1	1	2
18. Psychoneuroses and neuroses, total	–	–	–	–	4	4
(a) Hysterical type	–	2	2	–	–	–
(c) Neurasthenic type	–	2	2	–	–	–
19. With psychopathic personality	–	–	–	–	2	2
20. With mental deficiency	–	–	–	1	3	4
21. Undiagnosed	–	–	–	5	2	7
22. Without psychosis, total	–	–	–	2	7	9
(a) Epilepsy without psychosis	–	1	1	–	–	–
(b) Alcoholism without psychosis	–	1	1	–	–	–
(d) Psychopathic personality without psychosis	1	–	1	–	–	–
(e) Mental deficiency without psychosis	1	2	3	–	–	–
(f) Question of psychosis	–	1	1	–	–	–
(g) Behavior problem	–	2	2	–	–	–
Total				189	166	355

TABLE 7.—*Race of First Admissions Classified with Reference to Psychoses*

Race	Total			Traumatic			Senile			With Cerebral Arterio-Sclerosis			General Paralysis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	4	2	6	–	–	–	1	–	1	1	–	1	1	–	1
Bulgarian	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
English	36	28	64	–	1	1	3	4	7	10	4	14	3	1	4
French	21	18	39	–	–	–	–	2	2	3	1	4	2	–	2
German	8	9	17	–	–	–	1	1	2	2	–	2	–	1	1
Hebrew	4	1	5	–	–	–	–	–	–	–	–	–	–	–	–
Irish	36	42	78	–	–	–	1	3	4	5	5	10	2	–	2
Italian	9	11	20	–	–	–	1	–	1	–	–	–	–	–	–
Lithuanian	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–
Scotch	9	6	15	–	–	–	1	1	2	2	1	3	–	–	–
Slavonic	15	14	29	–	–	–	1	–	1	–	–	–	–	–	–
Syrian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	40	29	69	–	–	–	2	3	5	7	4	11	1	2	3
Total	189	166	355	–	1	1	11	14	25	31	15	46	10	4	14

TABLE 7.—*Race of First Admissions Classified with Reference to Psychoses*—Continued

Race	Cerebral Syphilis			Huntington's Chorea			With Other Brain or Nervous Diseases			Alcoholic			Due to Drugs and Other Exogenous Toxins		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bulgarian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	1	1	–	–	–	–	–	–	7	–	7	–	–	–
French	–	–	–	–	–	–	–	–	–	3	1	4	1	–	1
German	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	1	–	1	–	–	–	–	–	–	14	–	14	–	–	–
Italian	–	–	–	–	–	–	1	–	1	4	1	5	–	–	–
Lithuanian	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–
Slavonic	–	–	–	–	–	–	–	1	1	9	3	12	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	–	–	–	–	1	1	–	–	–	6	–	6	–	–	–
Total	1	1	2	–	1	1	1	2	3	46	5	51	1	–	1

TABLE 7.—*Race of First Admissions Classified with Reference to Psychoses*—Continued

Race	Somatic Disease			Manic Depressive			Involution Melancholia			Dementia Praecox			Epileptic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–
Bulgarian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	5	5	2	5	7	4	–	4	6	3	9	–	–	–
French	2	2	4	–	2	2	3	1	4	6	7	13	–	1	1
German	–	–	–	2	2	4	–	1	1	3	3	6	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	4	–	4	–	–	–
Irish	–	6	6	6	11	17	2	2	4	3	12	15	–	–	–
Italian	–	3	3	1	3	4	–	–	–	2	4	6	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
Mgayar	–	–	–	–	–	–	–	–	–	3	1	4	–	–	–
Portuguese	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Scotch	–	–	–	–	1	1	1	–	1	2	2	4	–	–	–
Slavonic	1	1	2	–	2	2	–	–	–	4	6	10	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Mixed	3	3	6	1	5	6	1	2	3	16	3	19	1	–	1
Total	6	21	27	12	32	44	11	6	17	50	45	95	1	1	2

TABLE 7.—*Race of First Admissions Classified with Reference to Psychoses*—Concluded

Race	Psycho-Neuroses			With Psychopathic Personality			With Mental Deficiency			Undiagnosed			Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Bulgarian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	1	1	–	–	–	–	–	–	1	–	1	–	3	3
French	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
German	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Hebrew	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Irish	–	1	1	–	–	–	–	–	–	1	1	2	1	1	2
Italian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–
Slavonic	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	–	2	2	–	1	1	–	1	1	1	–	1	1	2	3
Total	–	4	4	–	2	2	1	3	4	5	2	7	2	7	9

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Under 15 Years			15–19 Years			20–24 Years			25–29 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	11	14	25	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	31	15	46	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	10	4	14	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	2	3	–	–	–	–	–	–	–	–	–	–	1	1
9. Alcoholic	46	5	51	–	–	–	–	–	–	1	1	2	1	–	1
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	21	27	–	–	–	–	–	–	–	2	2	–	2	2
13. Manic-depressive	12	32	44	–	–	–	2	–	2	3	4	7	–	2	2
14. Involution melancholia	11	6	17	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	50	45	95	–	–	–	5	2	7	8	5	13	11	9	20
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–
18. Psychoneuroses and neuroses	–	4	4	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	3	4	–	–	–	–	–	–	1	3	4	–	–	–
21. Undiagnosed	5	2	7	–	–	–	–	–	–	1	–	1	–	1	1
22. Without psychosis	2	7	9	–	2	2	–	1	1	1	–	1	–	–	–
Total	189	166	355	–	2	2	7	3	10	15	16	31	12	15	27

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses* —Continued

PSYCHOSES	30–34 YEARS			35–39 YEARS			40–44 YEARS			45–49 YEARS			50–54 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	2	–	2	1	1	2	3	1	4	3	1	4	–	1	1
5. With cerebral syphilis	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1
9. Alcoholic	5	–	5	9	2	11	6	1	7	9	–	9	4	1	5
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	3	3	–	1	1	2	4	6	–	1	1	1	2	3
13. Manic-depressive	1	5	6	1	6	7	1	4	5	1	2	3	2	8	10
14. Involution melancholia	–	–	–	–	–	–	–	–	–	2	–	2	2	4	6
15. Dementia praecox	9	4	13	8	6	14	4	6	10	1	4	5	1	3	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	2	2	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	1	1	–	–	–	1	–	1	–	–	–	1	–	1
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2
Total	18	15	33	19	19	38	18	18	36	17	8	25	12	23	35

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses* —Concluded

PSYCHOSES	55–59 YEARS			60–64 YEARS			65–69 YEARS			70–74 YEARS			75–79 YEARS			OVER 80 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	3	2	5	4	6	10	2	5	7	2	1	3
3. With cerebral arteriosclerosis	1	–	1	3	3	6	9	2	11	6	4	10	4	5	9	8	1	9
4. General paralysis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	6	–	6	2	–	2	2	–	2	1	–	1	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	1	1	2	–	2	2	2	1	3	–	2	2	–	–	–	–	–	–
13. Manic-depressive	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14. Involution melancholia	2	–	2	3	–	3	2	2	4	–	–	–	–	–	–	–	–	–
15. Dementia praecox	–	3	3	1	2	3	1	1	2	1	–	1	–	–	–	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	1	1	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
Total	13	6	19	10	7	17	20	9	29	12	13	25	6	10	16	10	2	12

TABLE 9.—*Degree of Education of First Admissions Classified with Reference to Psychoses*

Psychoses	Total			Illiterate			Reads and Writes			Common School			High School			College		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
2. Senile	11	14	25	–	–	–	4	5	9	7	7	14	–	2	2	–	–	–
3. With cerebral arteriosclerosis	31	15	46	1	2	3	12	3	15	15	9	24	3	1	4	–	–	–
4. General paralysis	10	4	14	–	–	–	3	1	4	4	3	7	3	–	3	–	–	–
5. With cerebral syphilis	1	1	2	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	2	3	1	–	1	–	1	1	–	1	1	–	–	–	–	–	–
9. Alcoholic	46	5	51	11	2	13	12	1	13	20	2	22	3	–	3	–	–	–
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	21	27	1	4	5	1	3	4	4	13	17	–	1	1	–	–	–
13. Manic-depressive	12	32	44	–	1	1	1	5	6	6	18	24	3	8	11	2	–	2
14. Involution melancholia	11	6	17	1	–	1	2	2	4	7	4	11	1	–	1	–	–	–
15. Dementia praecox	50	45	95	1	4	5	9	8	17	27	26	53	8	7	15	5	–	5
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	4	4	–	–	–	–	–	–	–	3	3	–	1	1	–	–	–
19. With psychopathic personality	–	2	2	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–
20. With mental deficiency	1	3	4	1	–	1	–	3	3	–	–	–	–	–	–	–	–	–
21. Undiagnosed	5	2	7	–	1	1	1	–	1	4	–	4	–	1	1	–	–	–
22. Without psychosis	2	7	9	1	–	1	–	3	3	1	3	4	–	1	1	–	–	–
Total	189	166	355	18	14	32	46	36	82	96	93	189	22	23	45	7	–	7

TABLE 10.—*Environment of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Urban			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–
2. Senile	11	14	25	7	12	19	4	2	6
3. With cerebral arteriosclerosis	31	15	46	19	13	32	12	2	14
4. General paralysis	10	4	14	8	4	12	2	–	2
5. With cerebral syphilis	1	1	2	1	–	1	–	1	1
6. With Huntington's chorea	–	1	1	–	1	1	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	2	3	1	2	3	–	–	–
9. Alcoholic	46	5	51	35	4	39	11	1	12
10. Due to drugs and other exogenous toxins	1	–	1	1	–	1	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	21	27	5	19	24	1	2	3
13. Manic-depressive	12	32	44	10	26	36	2	6	8
14. Involution melancholia	11	6	17	7	4	11	4	2	6
15. Dementia praecox	50	45	95	41	30	71	9	15	24
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	1	1	2
18. Psychoneuroses and neuroses	–	4	4	–	3	3	–	1	1
19. With psychopathic personality	–	2	2	–	1	1	–	1	1
20. With mental deficiency	1	3	4	1	2	3	–	1	1
21. Undiagnosed	5	2	7	4	2	6	1	–	1
22. Without psychosis	2	7	9	1	5	6	1	2	3
Total	189	166	355	141	129	270	48	37	85

TABLE 11.—*Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	1	1	–	–	–
2. Senile	11	14	25	2	2	4	9	8	17	–	4	4
3. With cerebral arteriosclerosis	31	15	46	4	2	6	20	10	30	7	3	10
4. General paralysis	10	4	14	1	–	1	8	4	12	1	–	1
5. With cerebral syphilis	1	1	2	–	–	–	–	1	1	1	–	1
6. With Huntington's chorea	–	1	1	–	–	–	–	1	1	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	2	3	–	–	–	1	2	3	–	–	–
9. Alcoholic	46	5	51	–	1	1	42	4	46	4	–	4
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	1	–	1	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	21	27	1	1	2	5	16	21	–	4	4
13. Manic-depressive	12	32	44	–	–	–	9	24	33	3	8	11
14. Involution melancholia	11	6	17	–	–	–	8	4	12	3	2	5
15. Dementia praecox	50	45	95	1	2	3	42	39	81	7	4	11
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	–	1	1	1	–	1
18. Psychoneuroses and neuroses	–	4	4	–	1	1	–	3	3	–	–	–
19. With psychopathic personality	–	2	2	–	1	1	–	1	1	–	–	–
20. With mental deficiency	1	3	4	–	1	1	1	2	3	–	–	–
21. Undiagnosed	5	2	7	–	–	–	5	2	7	–	–	–
22. Without psychosis	2	7	9	–	4	4	2	3	5	–	–	–
Total	189	166	355	9	15	24	153	126	279	27	25	52

TABLE 12.—*Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
2. Senile	11	14	25	2	14	16	8	–	8	1	–	1	–	–	–
3. Cerebral arteriosclerosis	31	15	46	16	13	29	10	2	12	5	–	5	–	–	–
4. General paralysis	10	4	14	2	3	5	4	1	5	3	–	3	1	–	1
5. With cerebral syphilis	1	1	2	1	1	2	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	2	3	–	1	1	1	1	2	–	–	–	–	–	–
9. Alcoholic	46	5	51	–	–	–	–	–	–	46	5	51	–	–	–
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	21	27	3	19	22	1	2	3	2	–	2	–	–	–
13. Manic-depressive	12	32	44	4	30	34	5	2	7	3	–	3	–	–	–
14. Involution melancholia	11	6	17	4	5	9	5	1	6	2	–	2	–	–	–
15. Dementia praecox	50	45	95	27	38	65	16	6	22	6	1	7	1	–	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	4	4	–	4	4	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	3	4	1	2	3	–	–	–	–	1	1	–	–	–
21. Undiagnosed	5	2	7	1	2	3	1	–	1	3	–	3	–	–	–
22. Without psychosis	2	7	9	1	6	7	–	–	–	1	1	2	–	–	–
Total	189	166	355	62	143	205	53	15	68	72	8	80	2	–	2

TABLE 13.—*Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Separated			Divorced		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
2. Senile	11	14	25	2	2	4	7	3	10	2	9	11	–	–	–	–	–	–
3. With cerebral arteriosclerosis	31	15	46	3	3	6	16	4	20	12	8	20	–	–	–	–	–	–
4. General paralysis	10	4	14	–	–	–	8	4	12	1	–	1	1	–	1	–	–	–
5. With cerebral syphilis	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	2	3	1	–	1	–	2	2	–	–	–	–	–	–	–	–	–
9. Alcoholic	46	5	51	20	–	20	21	4	25	3	–	3	1	1	2	1	–	1
10. Due to drugs and other exogenous drugs	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	21	27	2	6	8	3	10	13	1	4	5	–	1	1	–	–	–
13. Manic-depressive	12	32	44	6	11	17	6	15	21	–	4	4	–	2	2	–	–	–
14. Involution melancholia	11	6	17	2	1	3	6	4	10	2	1	3	–	–	–	1	–	1
15. Dementia praecox	50	45	95	34	22	56	12	16	28	1	4	5	1	3	4	2	–	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	4	4	–	1	1	–	1	1	–	–	–	–	2	2	–	–	–
19. With psychopathic personality	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	3	4	1	1	2	–	2	2	–	–	–	–	–	–	–	–	–
21. Undiagnosed	5	2	7	2	2	4	1	–	1	2	–	2	–	–	–	–	–	–
22. Without psychosis	2	7	9	2	4	6	–	–	–	–	1	1	–	–	–	–	2	2
Total	189	166	355	76	55	131	82	69	151	24	31	55	3	9	12	4	2	6

TABLE 14.—*Psychoses of Re-admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	2	–	2
4. General paralysis	–	–	–	4	–	4
5. With cerebral syphilis	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–
9. Alcoholic, total	–	–	–	8	3	11
(c) Acute hallucinosis	5	1	6	–	–	–
(d) Other types, chronic	3	2	5	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–
13. Manic-depressive, total	–	–	–	8	19	27
(a) Manic type	4	6	10	–	–	–
(b) Depressed type	4	5	9	–	–	–
(c) Other types	–	8	8	–	–	–
14. Involution melancholia	–	–	–	–	2	2
15. Schizophrenia	–	–	–	10	14	24
16. Paranoia and paranoid condition	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–
18. Psychoneuroses and neuroses, total	–	–	–	1	–	1
(a) Neurasthenia	1	–	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–
20. With mental deficiency	–	–	–	2	–	2
21. Undiagnosed	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–
Total	–	–	–	35	38	73

TABLE 15.—*Discharge of Patients Classified with Reference to Principal Psychosis and Condition on Discharge*

PSYCHOSES	TOTAL			RECOVERED			IMPROVED			UNIMPROVED			NOT INSANE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
2. Senile	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
3. With cerebral arteriosclerosis	4	2	6	–	–	–	2	2	4	2	–	2	–	–	–
4. General paralysis	3	–	3	–	–	–	1	–	1	2	–	2	–	–	–
5. With cerebral syphilis	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	3	4	7	–	1	1	1	3	4	2	–	2	–	–	–
9. Alcoholic	29	8	37	20	4	24	6	4	10	3	–	3	–	–	–
10. Due to drugs and other exogenous toxins	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	7	12	3	5	8	2	2	4	–	–	–	–	–	–
13. Manic-depressive	13	35	48	9	28	37	4	6	10	–	1	1	–	–	–
14. Involution melancholia	4	1	5	–	–	–	4	1	5	–	–	–	–	–	–
15. Dementia praecox	40	32	72	–	–	–	34	23	57	6	9	15	–	–	–
16. Paranoia and paranoid condition	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	2	2	4	–	–	–	2	2	4	–	–	–	–	–	–
20. With mental deficiency	2	3	5	–	–	–	1	2	3	1	1	2	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	3	5	8	–	–	–	–	–	–	–	–	–	3	5	8
Total	110	103	213	32	40	72	57	47	104	18	11	29	3	5	8

TABLE 16.—*Causes of Death of Patients Classified with Reference to Principal Psychoses*

Cause of Death	Total			Traumatic			Senile			With Cerebral Arterio-sclerosis			General Paralysis			Cerebral Syphilis			Brain Tumor			Brain or Nervous Disease		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General Diseases																								
Carcinoma of breast	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of stomach	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of uterus	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic lead poisoning	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes mellitus	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas of face	1	2	3	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Gas gangrene	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Influenza	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Lethargic encephalitis	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	3	5
Myxedema	–	1	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pernicious anaemia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary tuberculosis	6	2	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General septicaemia	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nervous System																								
Alcoholic neuritis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Cerebral embolus and thrombosis	5	7	12	–	–	–	2	2	4	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	28	5	33	1	–	1	3	–	3	18	2	20	–	–	–	–	1	1	–	–	–	–	–	–
General paralysis	16	2	18	–	–	–	–	–	–	–	–	–	16	2	18	–	–	–	–	–	–	–	–	–
Multiple sclerosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Respiratory System																								
Broncho pneumonia	1	5	6	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lobar pneumonia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Circulatory System																								
Chronic endocarditis and myocarditis	14	14	28	–	–	–	3	6	9	6	2	8	–	–	–	–	–	–	–	–	–	–	1	1
Sclerosis of coronary arteries	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Digestive System																								
Acute yellow atrophy of liver	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Acute hepatitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ileo colitis	4	–	4	–	–	–	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Intestinal obstruction	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Genito-urinary System																								
Nephritis, acute and chronic	8	8	16	–	–	–	1	1	2	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
External Causes																								
Suicide	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	94	59	153	1	–	1	11	16	27	29	7	36	16	3	19	–	1	1	–	1	1	4	4	8

TABLE 16.—*Causes of Death of Patients Classified with Reference to Principal Psychoses*—Concluded

Cause of Death	Alcoholic			Due to Drugs			With Other Somatic Disease			Manic-Depressive			Involution Melancholia			Dementia Praecox			With Mental Deficiency			Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
General Diseases																								
Carcinoma of breast	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of stomach	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carcinoma of uterus	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–
Chronic lead poisoning	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes mellitus	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas of face	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gas gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Influenza	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lethargic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Myxoedema	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pernicious anaemia	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary tuberculosis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	3	2	5	2	–	2	–	–	–
General septicaemia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Nervous System																								
Alcoholic neuritis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral embolus and thrombosis	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–
Cerebral hemorrhage	–	–	–	–	–	–	2	1	3	1	–	1	–	–	–	1	1	2	1	–	1	1	–	1
General paralysis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Multiple sclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Respiratory System																								
Broncho pneumonia	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	1	–	1	–	–	–	–	–	–
Lobar pneumonia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Circulatory System																								
Chronic endocarditis and myocarditis	1	–	1	–	–	–	–	2	2	1	2	3	1	1	2	2	–	2	–	–	–	–	–	–
Sclerosis of coronary arteries	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Digestive System																								
Acute yellow atrophy of liver	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Acute hepatitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Ileo-colitis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intestinal obstruction	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Genito-urinary System																								
Nephritis, acute and chronic	2	–	2	–	–	–	1	3	4	–	3	3	2	–	2	1	–	1	–	–	–	–	–	–
External Causes																								
Suicide	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Total	5	1	6	1	–	1	6	9	15	2	6	8	3	2	5	11	9	20	4	–	4	1	–	1

TABLE 17.—*Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			Under 15 Years			15–19 Years			20–24 Years			25–29 Years			30–34 Years			35–39 Years			40–44 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	11	16	27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	29	7	36	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	16	3	19	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	3	–	3	6	–	6
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
8. With other brain or nervous diseases	4	4	8	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1
9. Alcoholic	5	1	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	9	15	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	2	3
13. Manic-depressive	2	6	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
14. Involution melancholia	3	2	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	11	9	20	–	–	–	–	–	–	2	–	2	–	1	1	1	–	1	1	–	1	1	–	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	–	4	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	1	–	1	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	94	59	153	–	–	–	–	–	–	3	–	3	–	2	2	5	1	6	5	2	7	8	4	12

TABLE 17.—*Age of Patients at Time of Death Classified with Reference to Principal Psychoses*—Concluded

Psychoses	45–49 Years			50–54 Years			55–59 Years			60–64 Years			65–69 Years			70–74 Years			75–79 Years			Over 80 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	4	2	6	3	8	11	3	6	9
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	2	–	2	4	2	6	9	1	10	7	4	11	7	–	7
4. General paralysis	–	1	1	2	1	3	2	–	2	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	1	3	1	–	1	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	1	–	1	1	–	1	1	–	1	–	–	–	1	–	1	–	1	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	3	3	2	1	3	2	1	3	–	1	1	–	–	–	–	–	–	1	–	1
13. Manic-depressive	–	–	–	–	–	–	1	1	2	–	1	1	–	2	2	–	1	1	–	–	–	1	–	1
14. Involution melancholia	–	–	–	1	1	2	–	–	–	1	–	1	1	1	2	–	–	–	–	–	–	–	–	–
15. Dementia praecox	2	1	3	–	1	1	–	1	1	2	1	3	2	2	4	–	1	1	–	1	1	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	5	3	8	5	6	11	9	3	12	7	6	13	10	8	18	15	5	20	10	13	23	12	6	18

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Psychoses*

Psychoses	Total			Less than 1 Month			1–3 Months			4–7 Months			8–12 Months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	11	16	27	2	2	4	3	2	5	1	4	5	–	–	–
3. With cerebral arteriosclerosis	29	7	36	6	–	6	7	3	10	3	1	4	2	–	2
4. General paralysis	16	3	19	–	–	–	–	1	1	1	–	1	3	–	3
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	–	1	1	2	–	2	–	–	–	–	–	–
9. Alcoholic	5	1	6	1	–	1	2	1	3	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
11. With pellagra		–	–			–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	9	15	2	7	9	1	–	1	1	–	1	–	–	–
13. Manic-depressive	2	6	8	–	1	1	–	–	–	–	1	1	–	–	–
14. Involution melancholia	3	2	5	–	–	–	1	2	3	–	–	–	1	–	1
15. Dementia praecox	11	9	20	1	–	1	–	–	–	–	1	1	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Total	94	59	153	13	11	24	16	9	25	6	7	13	6	–	6

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Psychoses*—Concluded

Psychoses	1–2 Years			3–4 Years			5–10 Years			10–15 Years			15–20 Years			20 and Over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	3	4	7	1	1	2	–	1	1	1	–	1	–	2	2	–	–	–
3. With cerebral arteriosclerosis	6	1	7	2	1	3	2	1	3	–	–	–	–	–	–	1	–	1
4. General paralysis	9	1	10	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	3	4	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
9. Alcoholic	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	1	1	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–
13. Manic-depressive	–	1	1	1	2	3	–	–	–	–	1	1	–	–	–	1	–	1
14. Involution melancholia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	1	2	3	–	–	–	4	2	6	1	–	1	1	2	3	3	2	5
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	2	–	2	–	–	–	1	–	1	1	–	1
21. Undiagnosed	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Total	22	15	37	9	6	15	11	4	15	3	1	4	2	4	6	6	2	8

TABLE 19.—*Family-Care Department*

	M.	F.	T.
Remaining October 1, 1926	–	8	8
Committed within year	–	–	–
Whole number of cases within the year	–	8	8
Dismissed within the year	–	2	2
Returned to institution	–	1	1
Discharged	–	1	1
Died	–	–	–
Escaped	–	–	–
Remaining September 30, 1927	–	6	6
Number of different persons within the year	–	8	8
Number of different persons admitted	–	–	–
Number of different persons dismissed	–	2	2
Daily average number	–	7.18	7.18

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1928

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE

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TRUSTEES' REPORT.

To His Excellency the Governor of the Commonwealth and the Honorable Council:

The trustees of the Northampton State Hospital hereby submit their report of the affairs of the institution for the fiscal year ending November 30, 1928.

The daily average number of patients maintained was 1,269 at a cost of $6.6549 per week. The receipts of the institution from board of patients and from sales and other sources reduced this to a net weekly cost of $4.8944 per capita.

Four buildings were authorized by the Legislatures of 1927 and 1928, one to provide accommodations for 159 patients, one to be a home for 99 nurses, and two cottages for employees. These have been completed.

We do not make any request for new buildings this year, with one exception to be mentioned later, but the steady increase in number of patients committed to our care will make necessary, very soon, additional ward buildings, and a kitchen and dining room. In the consideration of these matters it is hoped that the desirability if not the imperative need of more land will not be overlooked.

The exception above mentioned is a building to replace the recreation building which was destroyed by fire in 1922. Requests have been made several times for an appropriation to rebuild this. To avoid repetition we refer to reports for the years 1922 and following. Heads of departments and individual members of the Legislature have seemingly favored this project but it has been postponed repeatedly because it was felt necessary to provide first the much needed new buildings for patients and nurses. Now that these have been built and our immediate needs provided for, it is earnestly requested by us that the rebuilding of this pavilion be no longer delayed. The use of it will contribute very materially

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to the convalescence of some of our patients and will add to the comfort and contentment of all whose condition will permit of their frequenting it.

A list of repairs and improvements to buildings and of a few additions to equipment was submitted for approval in October but several requests were refused including one for an x-ray equipment to replace the one we now have which is of no use, and another for physiotherapy apparatus such as are being used by progressive hospitals in our State and throughout the country with increasing benefit to the patients.

The cost of these pieces of equipment is not large — very small indeed when figured on a per capita basis or when measured by the satisfaction resulting from use. An x-ray machine is an essential piece of diagnostic and therapeutic apparatus found in every modern hospital. Physiotherapy is recognized more and more as very helpful in the treatment of certain cases; not only is the patient directly benefited, but the interest of physician and nurse in their patient is stimulated and this alone was well worth the expenditure. It is to be presumed that these items were not approved by the supervisory departments in order to keep the budget within certain limits. It is hoped by us that a similar request next year will meet with favorable approval.

The list of repairs and improvements which was approved is as follows:

Hot Water Controller	$1,250
Repairs to No. 2-A Pump	150
New Copper Wash Basins — North Infirmary	250
A. C. Motor for Floor Sanding Machine	128
Transformer for new cottage load	65
15 K. V. A. Transformer for emergency	180
Enlargement of Electric Call System	125
Additional Electric Equipment for A. C. Switchboard	800
Stone Crusher Repairs	124
Partition in South Infirmary Heating Chamber	139
Removing and resetting Stone Posts	400
Painting Interior of new Nurses' Home—South	615
Painting Interior of new Nurses' Home—North	253
Connecting Curb and Gutter on road to office	275
Repairs to Ice House	703
New Hen House	600
Extension of Hydrant System	1,326
Remodelling S-14 and N-13	523
Heaters for houses Nos. 4, 5 and 10	1,089
6-inch Moulder for Carpenter Shop	500
Main Sewer repairs	900
Total	$10,395

The only change in our personnel during the year was the addition of a Pharmacist, Mr. George W. Pareseau, who was appointed November 2, 1928.

Respectfully submitted,

Laurence D. Chapin,
Albert M. Darling,
George C. Lunt,
Charles W. King,
Emily N. Newton,
Caroline A. Yale,
Walter L. Stevens,
Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Northampton State Hospital:

The superintendent presents herewith his report of the operation of the hospital for the fiscal year ending November 30, 1928.

Movement of Population.

The number of patients on our books on October 1, 1927, was 1499. There were 519 patients admitted during the following year, making a total of 2,018 under care and treatment. The dismissals numbered 460, leaving 1,558 on our books at the end of the year of which number 1,304 were in the institution, 6 were away from the institution in family care, 235 away on visit and 13 away on escape.

The daily average number of patients in the institution was 1,253; the daily average of those on visit was 252, making a total daily average of 1,505 under hospital care and supervision.

Admissions.

Of the 519 cases admitted 391 were first admissions, patients who never before had been committed to an institution for the care of mental cases; 80 were readmissions; 6 were transferred from other institutions in the state, and 42 were patients who had been admitted under the temporary-care act but were later dismissed without being formally committed either because they were not considered insane or because they could be cared for properly by relatives.

The first admissions are those for the most part considered in the statistical tables accompanying this report. A brief analysis of these tables shows various interesting facts.

In the classification of psychoses presented by the patients admitted, those forms predominated which are quite generally considered as unfavorable for recovery and this accords with our experience extending over many years. Thus, 81 were due to arteriosclerosis and other changes accompanying the senile state; 9 others were due to definite organic brain disease, and 2 were concomitant with Huntington's chorea; there were 27 cases of general paralysis and 86 cases of dementia præcox. These cases constituted more than a half of our admissions.

Only a third of the admissions, approximately, were classified under the forms of psychoses from which recoveries are generally expected. Of these there were 69 cases of manic-depressive psychosis, 38 of alcoholic psychoses and 24 cases of somatic origin.

Nine cases were classified as definitely "without psychosis," including the epileptic, the psychopathic and the feebleminded.

The number of cases admitted in which alcohol could be assigned as the principal cause of the psychosis, with others in which it was a contributory factor, made up nearly 14 per cent of the admissions.

Following the enactment of the so-called Volstead Act the ratio of alcoholic psychoses dropped from 20 per cent of the admissions to nearly 5 per cent in five years. In the last five years, however, there has been a gradual increase in this ratio but it is still about 6 per cent smaller than before the passage of the prohibition law. The increase of the past few years is undoubtedly due to lax enforcement of the law. Strict enforcement of prohibition would decrease very materially the number of mental cases resulting directly from the use of alcoholics and in time would bring about a marked reduction of cases in which alcohol is an indirect but contributing factor.

Approximately a third of the patients admitted were foreign born and about 60 per cent were of foreign parentage. There has been a small decrease in these classes in recent years which it is assumed may be attributed to the restricted immigration of recent years.

The ages of the patients admitted ranged from thirteen to ninety years. Few patients have been admitted, ever, who were under the age of fifteen. There were only three such in the present year, but it is worthy of notice that 76 of the first admissions this year and 6 of the readmissions, a total of 82, were seventy years of age or over.

A review of our hospital records shows a steady increase in the numbers of old people admitted from the opening of the hospital in 1858 to the present time.

During the first decade 2 per cent of the admissions were of persons seventy years of age or over. In the next decade this proportion had doubled and in the third decade it amounted to 9 per cent of the admissions. In the year 1900, about 12 per cent of all admissions were of old persons, and now the ratio is 16 per cent, one patient in every six admitted being seventy years of age or over. A census of the patients in the hospital shows that there are 168 patients here who are over seventy years of age, 45 of whom are over eighty.

All of these when committed exhibited enough mental incapacity to make commitment legal. Some of them are much more comfortably cared for here than would be possible at home but many of them present no more than a simple mental weakness common to old age, without delusions or hallucinations, and might be cared for elsewhere quite comfortably under proper supervision. The milder ones would be far happier in other surroundings. Consideration of the matter of providing suitable accommodations for this class of patients in separate institutions or elsewhere than with the insane may be advisable before long, may even be necessary if the number admitted continues to increase as rapidly as in the past few years.

Dismissals.

The number of patients discharged during the year was 287: 72 as recovered; 120 as improved; 22 as unimproved; 13 as without psychosis; 20 by transfer to other institutions by the Department of Mental Diseases, and 35 as not requiring commitment. The number of patients permitted to be away on trial visit is larger than ever before, the daily average number being 252. This increase has been made possible by the greater ease and convenience of supervision afforded our social worker by the use of an automobile. The number will be still larger when an assistant to our social worker shall have been appointed.

One hundred and seventy-three patients died. The principal causes of death were, apoplexy and arteriosclerosis in 57 cases, chronic heart disease in 32, general paralysis of the insane in 25, chronic nephritis in 10, pulmonary tuberculosis in 9, carcinoma in 9, and lethargic encephalitis in 3 cases.

Many of these deaths were incident to old age; 77 of those who died — 45 per cent — were over seventy years of age, 4 being over ninety.

Medical Activities.

All patients are given thorough physical and mental examinations as soon as possible after admission. Many special examinations and laboratory analyses are made when need is indicated; typhoid prophylaxis and vaccinations against smallpox are done systematically as a routine measure, and Schick tests are made as occasion arises.

The blood of all new cases with few exceptions is examined for the Wassermann reaction and the spinal fluid in all cases presenting any suspicion of neuro-syphilis. The blood tests were found positive in 66 cases and the spinal fluid in 39 cases. Seventy-seven of the patients were given 787 treatments of sulpharsphenamine or of neosalvarsan and sodium iodide.

Dental treatments to the number of 2,548 were given; these included extractions fillings, bridge and crown work, the making and repair of plates, and the like.

More extensive use of hydrotherapy has been made than ever before and with encouraging results. The opening of a sedation suite on each side of the hospital under the direction of trained hydrotherapists who in turn have trained helpers has made this possible. Both the wet sheet pack and the continuous bath are used, sometimes one, sometimes the other proving the more satisfactory.

We have found no psychosis in which one of these methods may not be used advantageously even in cases of arteriosclerosis, and in very few patients have we found contraindications to their use. They act as a sedative, with patients who are agitated, noisy, boisterous, overactive and sleepless on admissions very often sleep is induced in such cases from the outset. Elimination through the kidneys and glands of perspiration is favored; changes in blood supply to the nerve centers are influenced; metabolic activities are promoted; appetite is stimulated and improved physical condition with gain in weight is a common or more accurately, the usual result.

Incidentally it has been found that patients undergoing this treatment have received marked benefit and relief in other troubles than purely mental. Two

cases of multiple furunculosis, having hundreds of pustules ranging in size from a pin head to a pea and scattered pretty generally over the body showed marked improvement, day by day, resulting in recovery, while taking the continuous bath. Another case was that of a young woman admitted with an extensive burn involving one side from shoulder to foot, with hand and foot almost gangrenous. She was placed in the continuous bath, prescribed to soothe the pain and promote rapid healing. Almost marvelous improvement in the burned surface was noted daily and complete recovery ensued. It may be of interest to state that in this case the bath was kept slightly saline.

Among the medical activities of the year may be mentioned courses of lectures given to classes in economics and psychology from the neighboring colleges, to classes in training from the schools of nursing in nearby hospitals and to a class of students from the Smith College School of Social Work who came twice a week during the month of August. Typical cases of the different psychoses were shown to illustrate the lectures. Informal talks were given to clubs and various assemblies of people relative to causes, prevention and treatment of mental disorders, the commitment, care, discharge and after care of patients in the community, what a progressive community like Massachusetts is doing for its mental patients, and kindred subjects.

These are not the least worthy of our medical doings; they tend to enlighten the public on matters about which there is much erroneous belief, and they serve to disarm the unknowing public of much of the prevalent apprehension of public institutions which care for mental cases.

Social Service.

Social Service, begun by us in the first decade of the present century and making considerable demands upon the time of our medical staff increasingly through the years 1908, 1909 and 1910 was definitely organized as a department of our medical service in 1911. The first officer to be appointed to this work was Dr. Harriet W. Whitney who had been an assistant physician here since 1900. Her psychiatric training joined to a demonstrated capacity for social service fitted her especially well for the supervision of our extra-mural activities. In so far as we can learn ours was the first mental hospital in New England if not in this country to organize such a department. Our annual reports for the years 1910 and 1911 tell of the beginnings of this work.

Since the inception of this service its scope has broadened widely and now includes besides social service, our weekly clinics, school clinics, and the examinations once a week of delinquents brought before the Juvenile Court in Springfield.

During the past year the social worker has undertaken 218 new cases, in addition to those renewed or continued from previous years. With the hospital patients most of her efforts have been expended in history-taking, special investigations, placements, supervision of patients on visit, and personal services. Community agencies and other state hospitals have continued to seek assistance from the worker, and there has been a gratifying increase in cases where the service sought was largely advisory. Owing to the large number of patients now in the care of the hospital it has been impossible to treat individual cases as intensively as might be desired, but the worker has directed her energies along the lines where most needed.

Desiring to maintain contact with others of her profession the social worker has attended quite regularly the conference for Social Workers in the Department of Mental Diseases and the monthly meetings of the Massachusetts Round Table for Psychiatric Social Work. She has profited also from the meetings of the Northampton Council for Social Agencies and the sessions of the Massachusetts Conference of Social Work. During February and March she gave a course of seven lectures to the student nurses and had them accompany her on some of her typical visits.

The work of the out-patient department was carried on as usual by the psychiatrist, psychologist and social worker. Clinics were held regularly once each week in turn at Springfield, North Adams, Greenfield and Pittsfield. To these clinics patients who are absent from the hospital on visit come to report; relatives who

are unable to visit the hospital frequently come to inquire about their friends; cases are referred by the courts and by the physicians in the communities where the clinics are held and some individuals come of their own initiative for consultation and advice.

Once each week the psychiatrist has attended the Juvenile Court in Springfield where 106 children, 52 boys and 54 girls were examined. The Department for the Examination of Prisoners has referred 26 men serving sentences in the houses of correction in this part of the state for psychometric examination.

Patients absent from the hospital on visit to the number of 266 reported at the clinics and relatives of 507 patients came to inquire about their friends, the total number of cases handled in this way being 773.

A school clinic operating from this hospital has served four western counties excepting part of Hampden County and the eastern part of Franklin County since its organization in 1921.

During the past few years the requests for the services of the clinic have been greatly increased, and last year 1,000 pupils were examined, 662 boys and 338 girls. Several private schools have also availed themselves of this service. At the close of the hospital year only 3 school unions and 1 city of the district had failed to conform to the law requiring the examination of school children who are three or four years retarded but now at the time of writing this report that one city has referred nearly 100 pupils for examination and has established two special classes.

The Department of Mental Diseases organized an additional school clinic operating from the Belchertown State School, to share the work in Western Massachusetts and four school unions and two cities from our district were assigned to it. This will greatly relieve us as many children have been examined by us each year in all of these schools.

The total number of cases handled in our out-patient department has been the largest in any year since its organization — 1,102 men and 835 women — a total of 1937.

Training School.

Two nurses, Alice E. O'Leary and Martha E. Axelson, were graduated from our training school this year, having successfully completed the course including an affiliation of twelve months at the State Infirmary.

No pupils have been accepted for training this year. Fewer girls possessing the necessary educational and personal qualifications have been applying for admission to the training schools of mental hospitals in the past year. This is undoubtedly due to the rapid multiplication of schools of nursing in general hospitals throughout the country; the demand exceeds the supply. These schools can offer as a part of their training more and better opportunities for practical work, other than psychiatric, than can be had in mental hospitals. On the other hand it is now quite generally realized that a course in the care and treatment of mental cases should be an essential part of a nurse's training and mental hospitals can give such a course much better than can the general hospitals. Wherefore it has seemed not wise for us to try to compete with schools in general hospitals, but to devote our efforts to the training in psychiatric nursing. With the opening of our new nurses' home which will afford accommodations and equipment that have been lacking till now we shall be prepared to offer affiliating courses to classes of undergraduates from the general hospitals of our vicinity.

Occupation, Entertainment, Religious Services.

Mention has been made by us frequently of the great value of the two great moral agencies, work and play, in the treatment of mental disorders.

Whatever tends to divert the mind from disturbing influences constitutes a potent therapeutic remedy. Use of such agencies has been made in liberal measures here during the last year. Our patients have been occupied in the various activities of the hospital, in every department. Many have found useful employment in the routine housework of the institution, in dining rooms, kitchens, laundry, shops, barns, dairy and piggery; in the gardens, on the farm, in the repair work, in grading and excavating for new buildings and the like. Much of this work is

routine and does not require great mental effort but in doing it the patient gets away from the ward and its associations where he may work with normal individuals, oftentimes doing constructive work and deriving pleasure and satisfaction in accomplishing something worth while.

In the departments for industrial and occupational therapy the following is a list of work done and articles made:

In the occupational therapy department — 121 reed and raffia baskets were made, 5 window boxes, 1 sandwich tray, 1 shopping bag, 4 vases covered; 80 sheets were hemmed; 351 knitted articles, sweaters, scarfs, mittens, face cloths; 33 pairs of cretonne curtains with 13 valances; 5 pair of applique curtains with valances; 8 cretonne pillows; Swedish weaving — 10 ecru linen pillows, 5 table covers, 63 bureau covers; Italian hemstitching — 4 linen table covers, 31 bureau covers; 28 embroidered pieces; 32 pieces with plain hemstitching; 572 pillow cases hemmed, 9 hooked rugs and 2 silk stocking rugs; 14 yards of tatted edging, 6 masquerade costumes, 12 raffia napkin rings; 68 crepe paper nut cups; 10 woven pillows; 153 woven table runners. The daily average number of patients employed was 116.

In the men's industrial department the following articles were made or repaired: shoes soled, 381 pairs; shoes heeled, 431 pairs; shoes patched, 342 pairs; 411 old mattresses remade; 152 new mattresses made; 209 old pillows made over; 121 new pillows made; 45 chairs caned; 706 brooms made; 382 rugs made; 107 jumpers, 190 pairs of overalls, 121 shirts, 152 pairs of bed socks, 200 yards of cloth woven; 60 settee cushions made; 6 hydro pillows, 34 laundry baskets, 6 farm baskets, 1 hamper basket made.

Religious services have been held regularly every Lord's Day. Reverend James W. Broderick from the Church of the Blessed Sacrament and his assistants have celebrated Mass in the morning. They have also responded freely to calls at all hours of day or night to minister to the spiritual needs of our patients who were seriously ill. It is a pleasure to express our appreciation of their services.

The afternoon exercises have been conducted by the Protestant ministers of the vicinity and they too have our deep gratitude for the interest they have taken.

Moving pictures were shown once a week throughout the year and dancing parties were held once a week during the winter months. Other assemblies included a Halloween party and a concert and Christmas tree entertainment with distribution of presents to everyone; at both of these entertainments the hall was elaborately decorated. Band concerts have been given by the American Legion Band, by Kratochvil's orchestra and by a 30-piece string orchestra from the U. S. Veterans Hospital. Two minstrel shows deserving special mention were given, one by the Masonic Minstrels of Northampton and the other by the students from the Belchertown State School. We express our sincere thanks to all who took part in these entertainments.

There were in all 198 assemblies of patients during the year.

Farm.

The year on the farm appears to have been an average one by the report of the head farmer.

As extremely wet season delayed the preparation of the ground for crops and the planting of seed, consequently the yield of most farm products was somewhat below that of normal years. These conditions and results prevailed largely throughout our section of the country. Despite these unfavorable conditions our list of products of the farm which follows shows that large quantities and many varieties were raised and in some cases the yield was superior to the average annual yield.

The record made by the dairy, while not as favorable as the unusually good record of the two years immediately preceding, was the excellent one of an average of 13,000 pounds of milk from the 48 cows which were milked.

The herd of swine made a good showing. More than 44,000 pounds of dressed pork were produced and a fine lot of young pigs were started for the coming year. Several pure bred boars were sent to other state institutions.

We entered a litter of eleven pigs in the "Ton Litter Contest" under the auspices of the Division of Dairying and Animal Husbandry and for the second time took

first place not only in total weight of the litter in 180 days, namely 3,176 pounds, but also in the average weight of the pigs entered, 288 pounds.

The poultry likewise did well. From 2,000 chicks 2,310 pounds of broilers and 1,692 pounds of fowl were dressed, 3,607 dozen eggs were produced, and we have 600 hens which are still producing. To raise poultry here with the best of success we should have during the early spring and summer months a man in charge of the enterprise who has knowledge and experience in the work.

A list of the principal farm products raised and the amounts of each is herewith recorded: 323 tons hay, 150 tons green feed, 290 tons silage, 17 tons mangel-wurzel, 850 bushels potatoes, 485 barrels apples, 602,396 lbs. milk, 8,902 lbs. beef, 44,070 lbs. pork, 1,692 lbs. fowl, 2,310 lbs. broilers, 3,607 dozen eggs, 17,750 lbs. beets, 13,022 lbs. carrots, 34,566 lbs. onions, 17,200 lbs. squash, 21,633 lbs. turnips, 11,671 lbs. rhubarb, 18,149 lbs. sweet corn, 2,374 lbs. asparagus, 27,862 lbs. tomatoes, 5,249 lbs. string beans, 2,749 lbs. strawberries, 2,508 lbs. spinach, 2,757 lbs. swiss chard, 5,246 lbs. cucumbers, 366 lbs. lettuce, 5,854 lbs. parsnips, 263 lbs. pease, 133 lbs. peppers, 1,475 lbs. pumpkins, 111 lbs. radishes, 2,651 lbs. scallions.

Engineer's Report.

Of the many repairs and minor installations required in a group of buildings in use over so long a period of years as ours the following are the principal ones set down here for convenience of future reference. These were all done by our own mechanics, assisted by patients.

The main steam pipe in the basement of the south wing was replaced by 920 feet of 4-inch pipe. This is of large enough capacity to supply steam for the new nurses' residence and cottages, No. 1, No. 11 and No. 12 and for a new residence for male attendants which will be needed in the near future. Underground pipes were laid from this main to the above cottages and heating systems were installed in two of the cottages.

A new electrically operated vacuum pump was installed in the tunnel at the south infirmary to serve both the infirmary and the old nurses' home. It will also act as booster for the returns from the new nurses' home and is of sufficient capacity to serve a new home for male attendants.

New Kiely reducing valves were installed on the four floors of the addition to the infirmary for women.

The old feed-water receiver in the engine room was replaced by a new one, 3½ feet by 10 feet.

Electric lights were installed in the A building, in the new nurses' home and in the cottages, No. 1, No. 11 and No. 12.

Wiring was begun for lighting the attics of the south wing for use in emergency, and the wiring was renewed throughout the basements of the south wing and in the first basement of the north wing.

The New England Telephone Company put in new service cables underground from the street to the new nurses' residence, thence through the tunnel under the old nurses' home and through the south basement to the switch-board. This conduit will serve also for the cable of the fire alarm system. Telephones were installed in the new fourth halls north and south.

Old plumbing has been replaced by new fixtures in the infirmary for men, in the second halls south and in both floors of the Earle building; each of the two toilet rooms in the dormitory for male employees was divided by a partition, making four rooms; in two of these the old fixtures were rearranged and in the other two new fixtures were installed.

New apparatus was purchased for the toilet rooms on the first and second halls north to be installed when time permits.

Sprinkler systems installed by the contractors in the A building and the new residence for nurses were connected to the main water supply pipes. A hose pipe for fire protection was placed in the stair hall at the A building.

Floors of Portland cement were laid in the basement of the old nurses' home, in the vault of the new office of the treasurer, in the cow barn, and in the basements of four employees' cottages.

New sidewalks were laid at the B building. Building blocks were made of Portland cement, about a thousand in number.

Catch basins were built opposite cottage No. 11 and alongside the highway opposite the main gate. Five hundred and thirteen feet of 8-inch akron tile were laid around the new buildings and forty-four feet of 6-inch akron tile from the fourth halls south to the main sewer.

A new chimney was rebuilt at cottage No. 3.

Much plastering and patching of walls was done on the old wards.

Sixteen hundred and fifty square yards of new road were built around the new buildings and a section of the driveway to the main building was rebuilt, about 440 square yards in extent.

Four hundred and fifty feet of 4-inch cast iron pipe were taken up and reclaimed. This was the main water supply pipe to the hospital sixty years ago but has not been in use for many years.

It is a pleasure to record the receipt of gifts, books, magazines, money for the purchase of comforts for the patients and gifts for the Christmas tree. I take this opportunity to thank them all for their kindness and to express for my patients their sincere appreciation.

The only change that took place during 1928 was the appointment of Miss Maryalys S. Parker, Psychometrist, on September 17, 1928, to take the place of Miss Theodosia Davis.

Respectfully submitted,

JOHN A. HOUSTON, *Superintendent.*

VALUATION.

November 30, 1928.

Real Estate.	
Land, 513 acres	$167,700.00
Buildings	1,729,224.48
	$1,896,924.48
Personal Property.	
Travel, transportation and office expenses	$1,835.45
Food	10,656.01
Clothing and materials	17,907.50
Furnishings and household supplies	76,193.92
Medical and general care	548.92
Heat, light and power	12,159.93
Farm	40,785.87
Garage, stables and grounds	7,859.48
Repairs	14,954.63
	$182,901.71
Summary.	
Real estate	$1,896,924.48
Personal property	182,901.71
	$2,079,826.19

FINANCIAL REPORT.

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1928.

Cash Accounts.

Receipts.

Income.		
Board of Patients	$113,785.28	
		$113,785.28
Personal Services:		
Reimbursement from Board of Retirement		127.31
Sales:		
Food	$108.02	
Clothing and materials	86.80	
Medical and general care	22.54	
Farm:		
Cows and calves	220.00	
Bulls	100.00	
Pigs and hogs	60.00	
Hides	99.94	
Vegetables	221.03	
Sundries, barrels	16.75	
Garage, stable and grounds	30.00	
Repairs, ordinary	102.74	
Arts and Crafts sales	11.95	
Total sales		1,079.77

Miscellaneous:		
Interest on bank balances	$849.75	
Rent	1,013.13	
Sundries, conscience money	2.00	
		1,864.88
Total income		$116,857.24

MAINTENANCE.

Balance from previous year, brought forward	$6,914.35
Appropriations, current year:	452,240.00
Total	$459,154.35
Expenses (as analyzed below)	441,600.56
Balance reverting to Treasury of Commonwealth	$17,553.79

Analysis of Expenses.

Personal services	$214,349.95
Religious instruction	1,220.00
Travel, transportation and office expenses	5,608.27
Food	89,988.66
Clothing and materials	6,748.53
Furnishings and household supplies	23,831.96
Medical and general care	11,968.35
Heat, light and power	37,070.29
Farm	21,283.62
Garage, stable and grounds	3,575.55
Repairs, ordinary	14,903.06
Repairs and renewals	11,052.32
Total expenses for Maintenance	$441,600.56

SPECIAL APPROPRIATIONS.

Balance December 1, 1927		$89,717.02
Appropriations for current year		156,775.00
Total		$246,492.02
Expended during the year (see statement below)	$229,002.68	
Reverting to Treasury of Commonwealth	429.69	229,432.37
Balance November 30, 1928, carried to next year		$17,059.65

OBJECT.	Act or Resolve.	Whole Amount.	Expended During Fiscal Year.	Total Expended to Date.	Balance at End of Year.
Cottages for Employees	1926–79	$12,000.00	$8,478.30	$11,960.32	$39.68*
New Ward Building	1926–79	207,000.00	598.31	206,841.24	158.76*
Addition to Female Infirmary	1926–79	22,000.00	4,146.68	21,768.75	231.25*
Ward Building	1927–138	182,000.00	111,820.58	166,349.09	15,650.91
Nurses' Home	1927–138	141,275.00	103,958.81	139,866.26	1,408.74
		$564,275.00	$229,002.68	$546,785.66	$17,489.34

Balance reverting to Treasury of the Commonwealth during year (mark item with*)	$429.69
Balance carried to next year	17,059.65
Total as above	$17,489.34

PER CAPITA.

During the year the average number of inmates has been 1,269.09.
Total cost for maintenance, $441,600.56.
Equal to a weekly per capita cost of $6.6549 (52 weeks to year).
Receipt from sales, $1,079.77.
Equal to a weekly per capita of $1.7605.
All other institution receipts, $115,777.47.
Equal to a weekly per capita of $1.7605.
Net weekly per capita, $4.8944.

Respectfully submitted,

EVA L. GRAVES, *Treasurer.*

STATISTICAL TABLES.

As Adopted by the American Psychiatric Association.

Prescribed by the Massachusetts Department of Mental Diseases.

Table 1. *General Information.*

Data correct at end of hospital year, November 30, 1928.

1. Date of *opening* as a hospital for mental diseases, August 16, 1858.
2. Type of hospital: State.
3. Hospital plant :

Value of hospital property:	
Real estate, including buildings	$1,896,924.48
Personal property	182,901.71
Total	$2,079,826.19

Total acreage of hospital property owned: 513 acres.
Total acreage under cultivation during previous year: 513 acres.

4. Officers and employees:

	Actually in Service at End of Year.			Vacancies at End of Year.		
	M.	F.	T.	M.	F.	T.
Superintendents	1	–	1	–	–	–
Assistant physicians	3	4	7	1	2	3
Total physicians	4	4	8	1	2	3
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	5	5	–	6	6
Other nurses and attendants	56	44	100	16	23	39
Occupational therapists	1	3	4	–	–	–
Social workers	–	1	1	–	–	–
All other officers and employees	63	43	106	2	3	5
Total officers and employees	123	96	219	18	32	50

Note: — The following items, 5 to 9, inclusive, are for the year ended September 30, 1928.

5. Census of patient population at end of year:

	Actually in Hospital.			Absent from Hospital but Still on Books.		
	M.	F.	T.	M.	F.	T.
White:						
Insane	575	667	1,242	102	138	240
Mental defectives	20	18	38	1	2	3
All other cases	3	11	14	1	7	8
Total	598	696	1,294	104	147	251
Other races:						
Insane	4	5	9	1	2	3
All other cases	1	–	1	–	–	–
Total	5	5	10	1	2	3
Grand Total	603	701	1,304	105	149	254

	Males.	Females.	Total.
6. Patients under treatment in occupational therapy classes, including physical training, on date of report	–	–	–
7. Other patients employed in general work of hospital on date of report	–	–	–
8. Average daily number of all patients actually in hospital during year	588.4	666.8	1,255.2
9. Voluntary patients admitted during year	6	–	6

Table 2. *Financial Statement.*

See treasurer's report for data requested under this table.

NOTE: — The following tables 3–19, inclusive, are for the statistical year ended September 30, 1928.

TABLE 3. *Movement of Patient Population.*

	Insane.			Sane Voluntary.			Temporary Care and Observation.			Total on Books.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1927	700	786	1,486	2	1	3	9	1	10	711	788	1,499
Admissions during year:												
First admission	196	195	391	1	1	2	23	8	31	220	204	424
Readmissions	36	44	80	5	–	5	1	3	4	42	47	89
Transfers from other hospitals for mental disease	2	4	6	–	–	–	–	–	–	2	4	6
Total received during year	234	243	477	6	1	7	24	11	35	264	255	519
Total on books during year	934	1,029	1,963	8	2	10	33	12	45	975	1,043	2,018
Discharged from books during year:												
As recovered	40	32	72	1	1	2	6	5	11	47	38	85
As improved	54	66	120	1	–	1	4	1	5	59	67	126
As unimproved	16	6	22	2	–	2	8	–	8	26	6	32
As without psychosis	9	4	13	–	–	–	2	4	6	11	8	19
Transferred to other hospitals for mental disease	13	7	20	–	–	–	–	–	–	13	7	20
Died during year	106	67	173	–	–	–	5	–	5	111	67	178
Total discharged, transferred, and died during year	238	182	420	4	1	5	25	10	35	267	193	460
Insane patients remaining on books at end of hospital year:												
In hospital	591	699	1,290	4	–	4	8	2	10	603	701	1,304
On parole or otherwise absent	105	148	253	–	1	1	–	–	–	105	149	254
Total	696	847	1,543	4	1	5	8	2	10	708	850	1,558

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions.*

Nativity.	Patients.			Parents of Male Patients.			Parents of Female Patients.		
	M.	F.	T.	Fathers.	Mothers.	Both Parents.	Fathers.	Mothers.	Both Parents.
United States	138	128	266	75	84	66	73	75	66
Austria	1	1	2	2	2	2	2	2	2
Canada[1]	13	20	33	30	26	23	34	33	29
Czechoslovakia	1	–	1	1	1	1	–	–	–
Denmark	1	–	1	1	1	1	–	–	–
England	4	2	6	11	9	7	5	3	3
France	–	–	–	–	–	–	2	2	2
Germany	1	2	3	4	3	3	7	6	6
Greece	2	–	2	2	2	2	–	–	–
Holland	–	–	–	–	–	–	–	1	–
Hungary	1	–	1	1	1	1	–	–	–
Ireland	4	14	18	27	29	23	32	34	27
Italy	5	6	11	5	5	5	10	10	10
Jugoslavia	–	1	1	–	–	–	1	1	1
Poland	17	10	27	20	20	20	11	11	11
Russia	4	3	7	5	5	5	3	3	3
Scotland	2	3	5	2	2	2	5	3	3
South America	–	1	1	–	–	–	–	–	–
Sweden	1	1	2	2	1	1	2	3	2
Wales	–	–	–	2	–	–	–	–	–
Other countries	1	3	4	1	1	1	3	3	3
Unascertained	–	–	–	5	4	3	5	5	3
Total	196	195	391	196	196	166	195	195	171

[1] Includes Newfoundland.

TABLE 4-A. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.*

Age Groups.	Aggregate.			Native Born.															Foreign Born.																		Nativity unascertained.		
				Total.			Parentage.												Total.			Time in United States before Admission.																
							Native.			Foreign.			Mixed.			Unascertained.						Under 5 years.			5–9 years.			10–14 years.			15 years and over.			Unascertained.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years	–	3	3	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	14	6	20	11	6	17	5	2	7	3	3	6	3	1	4	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–
20–24 years	11	14	25	8	10	18	5	4	9	2	5	7	1	1	2	–	–	–	3	4	7	2	1	3	–	2	2	–	–	–	1	1	2	–	–	–	–	–	–
25–29 years	12	13	25	11	8	19	6	7	13	3	–	3	2	1	3	–	–	–	1	5	6	–	1	1	–	2	2	–	–	–	1	2	3	–	–	–	–	–	–
30–34 years	16	20	36	12	11	23	5	5	10	5	6	11	2	–	2	–	–	–	4	9	13	–	–	–	–	1	1	–	1	1	4	7	11	–	–	–	–	–	–
35–39 years	19	23	42	14	14	28	4	9	13	3	3	6	7	2	9	–	–	–	4	10	14	1	1	2	–	–	–	–	–	–	3	9	12	–	–	–	–	–	–
40–44 years	16	18	34	12	8	20	4	3	7	3	3	6	5	2	7	–	–	–	4	10	14	–	–	–	–	1	1	–	–	–	4	9	13	–	–	–	–	–	–
45–49 years	22	16	38	12	11	23	6	3	9	5	6	11	1	2	3	–	–	–	10	5	15	–	–	–	–	–	–	–	1	1	10	4	14	–	–	–	–	–	–
50–54 years	14	12	26	8	9	17	2	3	5	4	3	7	2	3	5	–	–	–	6	3	9	–	–	–	–	–	–	–	–	–	6	3	9	–	–	–	–	–	–
55–59 years	13	13	26	6	8	14	4	5	9	1	3	4	–	–	–	1	–	1	7	5	12	–	–	–	–	–	–	–	–	–	7	5	12	–	–	–	–	–	–
60–64 years	10	13	23	7	9	16	4	5	9	3	2	5	–	2	2	–	–	–	4	3	7	–	–	–	–	–	–	–	–	–	4	3	7	–	–	–	–	–	–
65–69 years	9	8	17	7	4	11	4	1	5	2	1	3	1	2	3	–	–	–	2	4	6	–	–	–	–	–	–	–	–	–	2	4	6	–	–	–	–	–	–
70 years and over	40	36	76	30	28	58	17	19	36	6	3	9	5	3	8	2	3	5	10	8	18	–	–	–	–	–	–	1	–	1	9	8	17	–	–	–	–	–	–
Unascertained	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	196	195	391	138	128	266	66	66	132	40	39	79	29	20	49	3	3	6	58	67	125	3	4	7	–	6	6	1	2	3	54	55	109	–	–	–	–	–	–

TABLE 5. *Citizenship of First Admissions.*

	Males.	Females.	Total.
Citizens by birth	140	128	268
Citizens by naturalization	21	28	49
Aliens	35	39	74
Total	196	195	391

TABLE 6. *Psychoses of First Admissions.*

PSYCHOSES.	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				3	1	4
2. Senile psychoses				4	21	25
3. Psychoses with cerebral arteriosclerosis				38	18	56
4. General paralysis				21	6	27
5. Psychoses with cerebral syphilis				2	–	2
6. Psychoses with Huntington's chorea				–	2	2
7. Psychoses with brain tumor						
8. Psychoses with other brain or nervous diseases, total				6	3	9
Cerebral embolism	–	1	1			
Multiple sclerosis	1	–	1			
Other diseases	5	2	7			
9. Alcoholic psychoses, total				33	5	38
Delirium tremens	3	–	3			
Korsakow's psychosis	2	–	2			
Acute hallucinosis	24	1	25			
Other types, acute or chronic	4	4	8			
10. Psychoses due to drugs and other exogenous toxins, total				1	–	1
Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined	1	–	1			
11. Psychoses with pellagra				–	2	2
12. Psychoses with other somatic diseases, total				10	14	24
Delirium with infectious diseases	1	–	1			
Exhaustion delirium	–	7	7			
Cardio-renal diseases	7	3	10			
Diseases of the ductless glands	–	3	3			
Other diseases or conditions	2	1	3			
13. Manic-depressive psychoses, total				17	52	69
Manic type	13	11	24			
Depressive type	4	31	35			
Other types	–	10	10			
14. Involution melancholia				4	5	9
15. Dementia præcox (schizophrenia)				40	46	86
16. Paranoia and paranoid conditions						
17. Epileptic psychoses				3	–	3
18. Psychoneuroses and neuroses, total				1	–	1
Neurasthenic type	1	–	1			
19. Psychoses with psychopathic personality				–	1	1
20. Psychoses with mental deficiency				5	3	8
21. Undiagnosed psychoses				2	13	15
22. Without psychosis, total				6	3	9
Epilepsy without psychosis	1	–	1			
Psychopathic personality without psychosis	–	1	1			
Mental deficiency without psychosis	3	1	4			
Others	2	1	3			
Total				196	195	391

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses.*

RACE.	Total.			Traumatic.			Senile.			With cerebral arterio-sclerosis.			General paralysis.			With cerebral syphilis.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	4	1	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chinese	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	41	33	74	–	–	–	1	6	7	14	7	21	6	1	7	–	–	–
French	26	26	52	1	1	2	–	1	1	4	–	4	5	2	7	1	–	1
German	4	6	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greek	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	2	2	4	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Irish	37	40	77	–	–	–	2	4	6	2	2	4	5	1	6	1	–	1
Italian[1]	5	10	15	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–
Lithuanian	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	2	2	4	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Scotch	4	5	9	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	24	16	40	1	–	1	–	–	–	1	–	1	1	–	1	–	–	–
Syrian	1	2	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Welsh	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	40	50	90	–	–	–	–	9	9	14	9	23	4	1	5	–	–	–
Race unascertained	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	196	195	391	3	1	4	4	21	25	38	18	56	21	6	27	2	–	2

[1] Includes "North" and "South."
[2] Norwegians, Danes and Swedes.
[3] Includes Bohemian, Bosnian, Croatian, Dalamatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued.

RACE.	With Huntington's chorea.			With brain tumor			With other brain or nervous diseases.			Alcoholic.			Due to drugs and other exogenous toxins.			With pellagra.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T..
African (black)	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Chinese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	–	–	1	–	1	3	–	3	–	–	–	–	1	1
French	–	–	–	–	–	–	–	1	1	4	1	5	–	–	–	–	1	1
German	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greek	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–
Irish	–	1	1	–	–	–	1	1	2	8	–	8	1	–	1	–	–	–
Italian[1]	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Slavonic[3]	–	–	–	–	–	–	2	–	2	6	3	9	–	–	–	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Welsh	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	–	1	1	–	–	–	1	1	2	6	–	6	–	–	–	–	–	–
Race unascertained	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	–	2	2	–	–	–	6	3	9	33	5	38	1	–	1	–	2	2

[1] Includes "North" and "South."
[2] Norwegians, Danes and Swedes.
[3] Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued.

RACE.	With other somatic diseases.			Manic-depressive.			Involution melancholia.			Dementia præcox.			Paranoia. and paranoid conditions.			Epileptic psychoses.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–
Chinese	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
English	3	1	4	2	9	11	1	1	2	7	5	12	–	–	–	–	–	–
French	2	3	5	2	7	9	1	1	2	2	5	7	–	–	–	1	–	1
German	–	2	2	–	2	2	–	–	–	2	2	4	–	–	–	1	–	1
Greek	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–
Irish	1	3	4	4	11	15	–	2	2	11	12	23	–	–	–	–	–	–
Italian[1]	1	1	2	–	5	5	–	–	–	–	2	2	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Scandinavian[2]	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–
Scotch	–	–	–	–	2	2	–	–	–	1	1	2	–	–	–	–	–	–
Slavonic[3]	1	–	1	3	4	7	–	–	–	9	5	14	–	–	–	–	–	–
Syrian	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Welsh	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	2	3	5	2	11	13	2	1	3	5	10	15	–	–	–	1	–	1
Race unascertained	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	10	14	24	17	52	69	4	5	9	40	46	86	–	–	–	3	–	3

[1] Includes "North" and "South."
[2] Norwegians, Danes and Swedes.
[3] Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded.

RACE.	Psychoneuroses and neuroses.			With psychopathic personality.			With mental deficiency.			Undiagnosed psychoses.			Without psychosis.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chinese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	1	1	–	–	–	1	1	2	2	–	2
French	–	–	–	–	–	–	–	1	1	1	1	2	2	1	3
German	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	–	–	–	–	–	–	1	–	1	–	3	3	–	–	–
Italian[1]	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Scandinavian[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Slavonic[3]	–	–	–	–	–	–	–	–	–	–	4	4	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Welsh	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Mixed	1	–	1	–	–	–	2	1	3	–	2	2	–	1	1
Race unascertained	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	1	–	1	–	1	1	5	3	8	2	13	15	6	3	9

[1] Includes "North" and "South."
[2] Norwegians, Danes and Swedes.
[3] Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Under 15 years.			15–19 years.			20–24 years.			25–29 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	3	1	4	–	–	–	–	–	–	–	–	–	1	–	1
2. Senile	4	21	25	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	38	18	56	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	21	6	27	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–
6. With Huntington's chorea	–	2	2	–	–	–	–	–	–	–	1	1	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	–	1	1	2	–	2	–	–	–	–	–	–
9. Alcoholic	33	5	38	–	–	–	–	–	–	–	–	–	3	–	3
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	10	14	24	–	–	–	–	–	–	–	3	3	1	2	3
13. Manic-depressive	17	52	69	–	–	–	3	4	7	1	2	3	–	5	5
14. Involution melancholia	4	5	9	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	40	46	86	–	2	2	5	2	7	9	6	15	5	3	8
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	3	–	3	–	–	–	–	–	–	–	–	–	1	–	1
18. Psychoneuroses and neuroses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
20. With mental deficiency	5	3	8	–	–	–	2	–	2	–	–	–	–	1	1
21. Undiagnosed psychoses	2	13	15	–	–	–	1	–	1	–	1	1	–	1	1
22. Without psychosis	6	3	9	–	–	–	1	–	1	–	1	1	1	–	1
Total	196	195	391	–	3	3	14	6	20	11	14	25	12	13	25

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued.

PSYCHOSES.	30–34 years.			35–39 years.			40–44 years.			45–49 years.			50–54 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	1	–	1	4	5	9	2	1	3	6	–	6	1	–	1
5. With cerebral syphilis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	1	–	1	–	–	–	1	1	2	1	–	1
9. Alcoholic	4	–	4	2	–	2	8	1	9	6	1	7	4	1	5
10. Due to drugs and other exogenous toxins	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	–	2	2	1	1	2	2	–	2	1	–	1	1	1	2
13. Manic-depressive	2	9	11	–	9	9	1	7	8	1	7	8	2	3	5
14. Involution melancholia	–	–	–	–	–	–	–	–	–	1	–	1	2	–	2
15. Dementia præcox	4	5	9	8	6	14	1	5	6	5	5	10	1	3	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
18. Psychoneuroses and neuroses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	1	2	–	–	–	–	–	–	1	–	1	1	–	1
21. Undiagnosed psychoses	–	3	3	–	2	2	–	2	2	–	1	1	–	3	3
22. Without psychosis	2	–	2	–	–	–	1	1	2	–	–	–	–	–	–
Total	16	20	36	18	24	42	16	18	34	22	16	38	14	12	26

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded.

PSYCHOSES.	55–59 years.			60–64 years.			65–69 years.			70 years and over.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	1	2	3	–	–	–	3	19	22	–	–	–
3. With cerebral arteriosclerosis	–	–	–	1	2	3	6	4	10	31	12	43	–	–	–
4. General paralysis	2	–	2	3	–	3	1	–	1	1	–	1	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	4	–	4	1	1	2	–	–	–	1	1	2	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	4	4	1	–	1	1	–	1	2	1	3	–	–	–
13. Manic-depressive	4	2	6	1	2	3	1	2	3	1	–	1	–	–	–
14. Involution melancholia	1	2	3	–	2	2	–	1	1	–	–	–	–	–	–
15. Dementia præcox	1	4	5	1	2	3	–	1	1	–	2	2	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
22. Without psychosis	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Total	13	13	26	11	12	23	9	8	17	40	36	76	–	–	–

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Illiterate.			Reads and Writes.[1]			Common School.			High School.			College.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	3	1	4	–	–	–	2	–	2	1	1	2	–	–	–	–	–	–	–	–	–
2. Senile	4	21	25	1	1	2	1	4	5	2	13	15	–	2	2	–	1	1	–	–	–
3. With cerebral arteriosclerosis	38	18	56	4	1	5	8	–	8	24	16	40	1	1	2	1	–	1	–	–	–
4. General paralysis	21	6	27	–	–	–	3	–	3	11	6	17	5	–	5	2	–	2	–	–	–
5. With cerebral syphilis	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	–	–	–	3	–	3	2	2	4	1	1	2	–	–	–	–	–	–
9. Alcoholic	33	5	38	3	2	5	8	2	10	19	1	20	2	–	2	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	2	2	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	10	14	24	2	–	2	3	4	7	4	8	12	–	1	1	1	1	2	–	–	–
13. Manic-depressive	17	52	69	1	4	5	3	1	4	10	31	41	2	14	16	1	2	3	–	–	–
14. Involution melancholia	4	5	9	1	1	2	–	1	1	3	3	6	–	–	–	–	–	–	–	–	–
15. Dementia præcox	40	46	86	3	2	5	6	6	12	22	30	52	6	6	12	3	2	5	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	3	–	3	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	3	8	1	–	1	–	2	2	4	1	5	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	2	13	15	–	1	1	–	6	6	2	5	7	–	1	1	–	–	–	–	–	–
22. Without psychosis	6	3	9	2	1	3	3	1	4	–	1	1	1	–	1	–	–	–	–	–	–
Total	196	195	391	18	13	31	42	27	69	109	121	230	18	28	46	8	6	14	1	–	1

[1] Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Urban.			Rural.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	3	1	4	2	–	2	1	1	2	–	–	–
2. Senile	4	21	25	–	18	18	4	3	7	–	–	–
3. With cerebral arteriosclerosis	38	18	56	33	15	48	5	3	8	–	–	–
4. General paralysis	21	6	27	19	5	24	2	1	3	–	–	–
5. With cerebral syphilis	2	–	2	2	–	2	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	2	2	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	5	3	8	1	–	1	–	–	–
9. Alcoholic	33	5	38	28	5	33	4	–	4	1	–	1
10. Due to drugs and other exogenous toxins	1	–	1	1	–	1	–	–	–	–	–	–
11. With pellagra	–	2	2	–	2	2	–	–	–	–	–	–
12. With other somatic diseases	10	14	24	10	14	24	–	–	–	–	–	–
13. Manic-depressive	17	52	69	16	49	65	1	3	4	–	–	–
14. Involution melancholia	4	5	9	3	5	8	1	–	1	–	–	–
15. Dementia præcox	40	46	86	33	40	73	7	6	13	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	3	–	3	2	–	2	1	–	1	–	–	–
18. Psychoneuroses and neuroses	1	–	1	1	–	1	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	1	1	–	–	–	–	–	–
20. With mental deficiency	5	3	8	5	3	8	–	–	–	–	–	–
21. Undiagnosed psychoses	2	13	15	2	12	14	–	1	1	–	–	–
22. Without psychosis	6	3	9	5	2	7	1	1	2	–	–	–
Total	196	195	391	167	176	343	28	19	47	1	–	1

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Dependent.			Marginal.			Comfortable.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	3	1	4	–	–	–	2	1	3	1	–	1	–	–	–
2. Senile	4	21	25	1	4	5	1	16	17	2	1	3	–	–	–
3. With cerebral arteriosclerosis	38	18	56	7	1	8	14	16	30	17	1	18	–	–	–
4. General paralysis	21	6	27	3	–	3	10	6	16	8	–	8	–	–	–
5. With cerebral syphilis	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	–	–	–	4	3	7	2	–	2	–	–	–
9. Alcoholic	33	5	38	1	–	1	29	5	34	3	–	3	–	–	–
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
11. With pellagra	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
12. With other somatic diseases	10	14	24	–	1	1	9	12	21	1	–	1	–	1	1
13. Manic-depressive	17	52	69	2	2	4	13	49	62	2	1	3	–	–	–
14. Involution melancholia	4	5	9	–	–	–	1	5	6	3	–	3	–	–	–
15. Dementia præcox	40	46	86	1	3	4	27	42	69	12	1	13	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	3	–	3	1	–	1	2	–	2	–	–	–	–	–	–
18. Psychoneuroses and neuroses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
20. With mental deficiency	5	3	8	–	1	1	5	2	7	–	–	–	–	–	–
21. Undiagnosed psychoses	2	13	15	–	1	1	2	12	14	–	–	–	–	–	–
22. Without psychosis	6	3	9	–	–	–	4	3	7	2	–	2	–	–	–
Total	196	195	391	16	13	29	127	177	304	53	4	57	–	1	1

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Abstinent.			Temperate.			Intemperate.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	3	1	4	2	1	3	1	–	1	–	–	–	–	–	–
2. Senile	4	21	25	2	21	23	2	–	2	–	–	–	–	–	–
3. With cerebral arteriosclerosis	38	18	56	16	18	34	22	–	22	–	–	–	–	–	–
4. General paralysis	21	6	27	8	6	14	10	–	10	3	–	3	–	–	–
5. With cerebral syphilis	2	–	2	1	–	1	–	–	–	1	–	1	–	–	–
6. With Huntington's chorea	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	5	3	8	–	–	–	1	–	1	–	–	–
9. Alcoholic	33	5	38	–	–	–	2	–	2	31	5	36	–	–	–
10. Due to drugs and other exogenous toxins	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	10	14	24	4	14	18	2	–	2	4	–	4	–	–	–
13. Manic-depressive	17	52	69	7	52	59	8	–	8	2	–	2	–	–	–
14. Involution melancholia	4	5	9	3	5	8	–	–	–	1	–	1	–	–	–
15. Dementia præcox	40	46	86	17	45	62	16	1	17	7	–	7	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	3	–	3	1	–	1	1	–	1	1	–	1	–	–	–
18. Psychoneuroses and neuroses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	3	8	3	3	6	1	–	1	1	–	1	–	–	–
21. Undiagnosed psychoses	2	13	15	1	12	13	1	1	2	–	–	–	–	–	–
22. Without psychosis	6	3	9	6	3	9	–	–	–	–	–	–	–	–	–
Total	196	195	391	77	188	265	67	2	69	52	5	57	–	–	–

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Single.			Married.			Widowed.			Separated.			Divorced.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	3	1	4	2	–	2	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	4	21	25	–	3	3	2	3	5	2	15	17	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	38	18	56	5	1	6	19	4	23	13	13	26	–	–	–	1	–	1	–	–	–
4. General paralysis	21	6	27	1	–	1	18	5	23	2	–	2	–	–	–	–	1	1	–	–	–
5. With cerebral syphilis	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	2	1	3	3	1	4	–	1	1	–	–	–	1	–	1	–	–	–
9. Alcoholic	33	5	38	11	–	11	18	2	20	2	1	3	–	–	–	2	1	3	–	1	1
10. Due to drugs and other exogenous toxins	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	10	14	24	3	3	6	7	9	16	–	2	2	–	–	–	–	–	–	–	–	–
13. Manic-depressive	17	52	69	5	20	25	11	22	33	1	8	9	–	2	2	–	–	–	–	–	–
14. Involution melancholia	4	5	9	1	1	2	3	4	7	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	40	46	86	29	25	54	10	17	27	1	4	5	–	–	–	–	–	–	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	3	–	3	–	–	–	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	3	8	5	2	7	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
21. Undiagnosed psychoses	2	13	15	1	2	3	1	9	10	–	2	2	–	–	–	–	–	–	–	–	–
22. Without psychosis	6	3	9	3	1	4	3	2	5	–	–	–	–	–	–	–	–	–	–	1	1
Total	196	195	391	71	62	133	99	81	180	22	46	67	–	2	2	4	3	7	–	2	2

TABLE 14. *Psychoses of Readmissions.*

PSYCHOSES.	Males.	Females.	Total.
1. Traumatic psychoses	–	–	–
2. Senile psychoses	–	1	1
3. Psychoses with cerebral arteriosclerosis	1	1	2
4. General paralysis	2	–	2
5. Psychoses with cerebral syphilis	–	–	–
6. Psychoses with Huntington's chorea	–	–	–
7. Psychoses with brain tumor	–	–	–
8. Psychoses with other brain or nervous diseases	–	–	–
9. Alcoholic psychoses	6	2	8
10. Psychoses due to drugs and other exogenous toxins	1	1	2
11. Psychoses with pellagra	–	–	–
12. Psychoses with other somatic diseases	–	3	3
13. Manic-depressive psychoses	8	20	28
14. Involution melancholia	1	1	2
15. Dementia præcox	15	13	28
16. Paranoia and paranoid conditions	–	–	–
17. Epileptic psychoses	1	–	1
18. Psychoneuroses and neuroses	–	–	–
19. Psychoses with psychopathic personality	–	–	–
20. Psychoses with mental deficiency	1	–	1
21. Undiagnosed psychoses	–	1	1
22. Without psychosis	–	1	1
Total	36	44	80

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES.	Total.			Recovered.			Improved.			Unimproved.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	4	4	8	–	–	–	4	3	7	–	1	1
3. With cerebral arteriosclerosis	3	6	9	–	–	–	–	4	4	3	2	5
4. General paralysis	2	–	2	–	–	–	2	–	2	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	4	6	–	–	–	1	4	5	1	–	1
9. Alcoholic	37	5	42	27	4	31	9	1	10	1	–	1
10. Due to drugs and other exogenous toxins	1	–	1	1	–	1	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	11	15	1	5	6	3	6	9	–	–	–
13. Manic-depressive	14	40	54	9	21	30	5	19	24	–	–	–
14. Involution melancholia	5	4	9	2	–	2	3	4	7	–	–	–
15. Dementia præcox	34	28	62	–	1	1	24	24	48	10	3	13
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	1	1	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	2	–	2	–	–	–	1	–	1	1	–	1
20. With mental deficiency	2	–	2	–	–	–	2	–	2	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	9	4	13	–	–	–	–	–	–	–	–	–
Total	119	108	227	40	32	72	54	66	120	16	6	22

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses.*

CAUSES OF DEATH.	Total.			Senile.			With cerebral arterio-sclerosis.			General paralysis.			Alcoholic.			Manic-depressive.			Involution melancholia.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases.																					
Diphtheria	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Lethargic encephalitis	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	8	1	9	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Syphilis (non-nervous forms)	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General Diseases Not Included in Class I.																					
Cancer and other malignant tumors	3	5	8	–	–	–	2	1	3	–	–	–	–	–	–	1	–	1	–	1	1
Pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Other general diseases	4	1	5	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
Diseases of the Nervous System.																					
Cerebral hemorrhage, apoplexy	17	22	39	4	9	13	11	5	16	–	–	–	1	–	1	–	2	2	–	1	1
General paralysis of the insane	24	1	25	–	–	–	–	–	–	23	1	24	–	–	–	–	–	–	–	–	–
Epilepsy	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System.																					
Endocarditis and myocarditis	17	15	32	4	4	8	10	3	13	–	–	–	2	–	2	–	1	1	–	2	2
Arteriosclerosis	13	5	18	–	2	2	9	3	12	–	–	–	1	–	1	1	–	1	–	–	–
Other diseases of the ciculatory system	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System.																					
Bronchopneumonia	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lobar pneumonia	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System.																					
Diarrhea and enteritis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cirrhosis of liver	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Other diseases of digestive system (cancer and tuberculosis excepted)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa.																					
Nephritis	6	4	10	–	3	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Skin and of the Cellular Tissue.																					
Gangrene	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of skin and annexa	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
External Causes.																					
Suicide	1	3	4	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–
Accidental traumatism	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	106	67	173	9	18	27	38	12	50	23	1	24	7	1	8	4	6	10	–	4	4

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses* — Concluded.

CAUSES OF DEATH.	Dementia præcox.			Paranoia and paranoid conditions.			Epileptic psychoses.			Psycho-neuroses and neuroses.			With psychopathic personality.			With mental deficiency.			All other psychoses.[1]		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases.																					
Diphtheria	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lethargic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3
Tuberculosis of the respiratory system	5	1	6	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Syphilis (non-nervous forms)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
General Diseases Not Included in Class I.																					
Cancer and other malignant tumors	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Diabetes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other general diseases	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
Diseases of the Nervous System.																					
Cerebral emorrhage, apoplexy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	5	5
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Epilepsy	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
Diseases of the Circulatory System.																					
Endocarditis and myocarditis	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	3	3
Arteriosclerosis	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the circulatory system	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System.																					
Bronchopneumonia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Lobar pneumonia	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System.																					
Diarrhea and enteritis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Cirrhosis of liver	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of digestive system (cancer and tuberculosis excepted)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa.																					
Nephritis	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	4
Diseases of the Skin and of the Cellular Tissue.																					
Gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of skin and annexa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
External Causes.																					
Suicide	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Accidental traumatism	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	11	8	19	–	–	–	2	–	2	–	–	–	–	–	–	2	3	5	10	14	24

[1] Includes group 22, "without psychosis."

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Under 15 years.			15–19 years.			20–24 years.			25–29 years.			30–34 years.			35–39 years.			40–44 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	9	18	27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	38	12	50	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	23	1	24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	1	4	6	–	6
5. With cerebral syphilis	2	1	3	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	5	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
9. Alcoholic	7	1	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
10. Due to drugs and other exogeneous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
12. With other somatic diseases	6	5	11	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	1	–	1
13. Manic-depressive	4	6	10	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
14. Involution melancholia	–	4	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	11	8	19	–	–	–	–	–	–	–	–	–	4	–	4	1	–	1	2	2	4	–	1	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	106	67	173	–	–	–	–	–	–	1	1	2	5	–	5	3	1	4	6	4	10	7	4	11

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses* — Concluded.

PSYCHOSES.	45–49 years.			50–54 years.			55–59 years.			60–64 years.			65–69 years.			70 years and over.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	7	18	25	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	1	1	–	–	–	3	–	3	9	–	9	26	11	37	–	–	–
4. General paralysis	3	–	3	3	–	3	1	–	1	5	–	5	1	–	1	1	–	1	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	1	1	–	–	–	1	–	1	–	1	1	–	1	1	–	1	1	–	–	–
9. Alcoholic	3	–	3	–	–	–	–	–	–	2	–	2	–	–	–	2	–	2	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	1	–	1	–	1	1	–	–	–	1	1	2	1	–	1	1	2	3	–	–	–
13. Manic-depressive	–	1	1	1	3	4	–	–	–	2	–	2	–	–	–	–	1	1	–	–	–
14. Involution melancholia	–	–	–	–	–	–	–	1	1	–	3	3	–	–	–	–	–	–	–	–	–
15. Dementia præcox	–	2	2	–	1	1	1	–	1	–	1	1	–	–	–	3	1	4	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Total	8	5	13	6	6	12	3	1	4	13	8	21	13	1	14	41	36	77	–	–	–

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses.*

PSYCHOSES.	Total.			Less than 1 month.			1–3 months.			4–7 months.			8–12 months.			1–2 years.			3–4 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	9	18	27	3	4	7	1	3	4	–	3	3	1	1	2	1	6	7	3	–	3
3. With cerebral arteriosclerosis	38	12	50	11	2	13	7	2	9	6	2	8	–	–	–	8	5	13	4	–	4
4. General paralysis	23	1	24	2	1	3	2	–	2	5	–	5	3	–	3	7	–	7	1	–	1
5. With cerebral syphilis	2	1	3	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	1	1
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	5	7	1	1	2	1	–	1	–	–	–	–	–	–	–	3	3	–	–	–
9. Alcoholic	7	1	8	3	–	3	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	5	11	3	2	5	1	1	2	1	–	1	–	–	–	–	–	–	1	1	2
13. Manic-depressive	4	6	10	–	2	2	–	–	–	2	1	3	–	2	2	1	1	2	–	–	–
14. Involution melancholia	–	4	4	–	1	1	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1
15. Dementia præcox	11	8	19	–	–	–	1	1	2	1	1	2	1	–	1	3	1	4	–	2	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	2	3	5	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	1	1
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	106	67	173	25	16	41	14	9	23	16	8	24	6	3	9	21	18	39	9	6	15

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded.

PSYCHOSES	5–6 years.			7–8 years.			9–10 years.			11–12 years.			13–14 years.			15–19 years.			20 years and over.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
9. Alcoholic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
13. Manic-depressive	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
14. Involution melancholia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia præcox	–	1	1	–	1	1	2	1	3	1	–	1	–	–	–	–	–	–	2	–	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	3	3	6	1	1	2	3	1	4	1	1	2	–	1	1	1	–	1	6	–	6

TABLE 19. *Family Care Department.*

	Male.	Female.	Total.
Remaining in Family Care Sept. 30, 1927	–	6	6
On visit from Family Care Sept. 30, 1927	–	–	–
Admitted during the year	–	–	–
Whole number of cases within the year	–	6	6
Dismissed within the year	–	–	–
Returned to institution	–	–	–
Discharged	–	–	–
On visit	–	–	–
Remaining in Family Care Sept. 30, 1928	–	6	6
Supported by State	–	4	4
Private	–	2	2
Self-supporting	–	–	–
Number of different persons within the year	–	6	6
Number of different persons dimissed	–	–	–
Number of different persons admitted	–	–	–
Average daily number in Family Care during the year	–	6	6
Supported by State	–	4	4
Private	–	2	2
Self-supporting	–	–	–

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1929

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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TRUSTEES' REPORT.

To His Excellency the Governor of the Commonwealth and the Honorable Council:

The Trustees of the Northampton State Hospital have the honor to present herewith their report for the year ending November 30, 1929.

The daily average number of patients was 1,389 as compared with 1,269 the previous year. The net weekly cost of maintenance was $4.6967 per capita.

The Acting Superintendent's report gives in detail the activities of the medical and all other departments, including changes in the staff.

The following resolutions were presented to the Board by the committee appointed in May.

Whereas, in accordance with statute law, the Superintendent of this hospital, Dr. John A. Houston, retires in July 1929 of this year from the position which he has held so long.

Now, therefore, the Board of Trustees wishes to express its deep appreciation of Dr. Houston's singularly able and faithful service. Dr. Houston came to the Northampton State Hospital in 1889 as First Assistant Physician and was made Superintendent in 1897.

From that time on the history of the institution has been as embodiment of Dr. Houston's remarkable personality, which has left its impress on every phase of the work. To wide and exact medical knowledge, to a keen understanding of the problems of psychiatry based on an ever-widening experience, he added a distinguished executive ability, a dauntless initiative and steady fidelity to high ideals.

Still farther, the peculiarly human and sympathetic quality which has been shown in the treatment and methods pursued here, has, we feel, drawn its inspiration and its constantly renewed strength from Dr. Houston's personal attitude. To him a patient has always been an individual, not simply a case. Every patient admitted was personally known by him—so far as it was humanly possible—and it has always been his object to establish genuinely friendly relations between patients and the medical staff. That he has been so ably seconded by his staff in all his aims is a proof of his keen insight and judgment in the selection of men.

A renewal of the request for an appropriation to rebuild the recreation building, which was destroyed by fire, is made. This building is much missed by the male patients, who used it freely for recreation purposes, as well as a smoking room.

Our hospital population is growing rapidly and the acreage of land is too small to meet our present needs. It would, therefore, be desirable to provide for the purchase of additional land.

In a large institution there are always many repairs and replacements to be made. The more important of these, which were cared for during the past year, are mentioned in the Acting Superintendent's report.

Attention is called to the following outstanding items of repairs and renewals which should be made during the coming year:

Repairs to the plumbing in the South Infirmary, the North Infirmary and the First Halls South.

Additional drinking fountains.

Table saw for the carpenter shop.

Painting the iron fence surrounding the grounds.

Aluminum coffee urns.

Remodelling the third floor of the North Infirmary and the fourth floor of the South Infirmary to provide for the better care and treatment of patients, as well as for additional space for patients.

Dr. Elizabeth Kundert was appointed Senior Physician on June 3, 1929.

Dr. Rhoda U. Musgrave was appointed Assistant Physician on July 15, 1929 and Dr. Albert U. Bourcier was promoted to the position of Senior Physician on November 9, 1929.

Respectfully submitted,

Mr. Walter L. Stevens, *Chairman*, Northampton
Mrs. Emily N. Newton, *Secretary*, Wellesley Hills
Mr. Charles W. King, Chicopee Falls
Mr. Albert M. Darling, Sunderland
Mr. George C. Lunt, Greenfield
Miss Caroline A. Yale, Northampton
Dr. Laurence D. Chapin, Springfield

Trustees.

ACTING SUPERINTENDENT'S REPORT.

To the Trustees of the Northampton State Hospital:

I herewith submit my report for the year 1929.

Movement of Population.

Number of patients on our books October 1, 1928 was 1,558. There were admitted during the year 552 patients, making a total of 2,110 under care and treatment during the year. There were discharged to their relatives or transferred to other institutions 267, and there were 164 deaths, leaving 1,679 on our books September 30, 1929, of which 1,416 were in the hospital and 263 were on visit or otherwise absent.

Medical Activities.

There were many changes on our staff during the past year. Dr. John Alexander Houston, Superintendent, having reached the age of 70, retired on

July 30, after forty years of service in this hospital, 32 years of which he served as superintendent. As yet no superintendent has been appointed to fill the vacancy.

Dr. B. Angela Bober, Senior Physician in charge of the female wards, left the service July 20. She has been on our staff since October 1, 1911.

Dr. Harry Hill, Assistant Physician, who came here September 28, 1926, left the service June 1, 1929, to enter private practice.

Dr. Elizabeth Thomas Hill, Assistant Physician, who joined our staff on October 16, 1923, retired on November 16, 1929, to enter private practice.

Dr. Carl Emil Meyer, Assistant Physician, was added to our staff May 20, 1929. He has resigned, his resignation to take effect in January, 1930.

Dr. Ruth Tustin, who entered the service as Assistant Physician on October 19, 1926, left the service May 31, 1929.

Dr. Elizabeth Kundert, on June 3, 1929, was appointed Senior Physician. She graduated from the Women's Medical School of Pennsylvania in 1926, entered the State service at Medfield State Hospital on August 17, 1926; was on the staff at the Belchertown State School from February 1, 1927, until she joined our staff.

Dr. Rhoda U. Musgrave was appointed Assistant Physician July 15, 1929. She graduated from the University of Nebraska Medical School in 1928 and served in the Alameda County Hospital in Oakland, California for one year.

Mr. Fred Aldrich, employed in this hospital for thirty years, seven of which he served as male supervisor, died in April, 1929.

Miss Susan E. Warren retired in May, 1929. She had been in State service since 1894 and had served as matron since June, 1905.

Mr. Thomas Claire, who was employed here as plumber since April 28, 1898, died in April, 1929.

Dr. Albert U. Bourcier, who has been assistant physician since June 1, 1927, was promoted to the position of senior physician on November 9, 1929.

As usual classes from the near-by colleges were given lectures on hospital economics and abnormal psychology. The classes from Smith College Summer School of Social Service came to the hospital twice a week during August.

Staff meetings had to be discontinued in October because of depletion of the staff.

Our dentist reports that there were 777 fillings, 386 teeth extracted, one new plate made and 56 repaired. Gums and teeth were treated in 526 cases. Crowns were cemented on in 10 cases.

Out-Patient Service.

Clinics are held once each month in Springfield, North Adams, Greenfield and Pittsfield. 175 patients, who were absent from the hospital on visit, reported at the clinics. Inquiries concerning 609 patients were made by their relatives. 44 patients were referred for advice by social agencies, 12 were referred by physicians, 4 by other institutions, 21 by relatives and 7 came of their own volition, making a total of 872.

The Out-Patient physician gave service of one day a week to the Juvenile Court in Springfield where 80 patients were examined. The Out-Patient physician, at the request of Dr. Overholser, visited jails in the three Western counties and gave psychometric tests to 32 prisoners.

The school clinic, consisting of a physician and psychologist, conducted examinations of retarded children in the schools of 29 towns. Of the 572 children examined, 344 were first examinations and 228 were re-examinations of children who were already in special classes or in whom diagnosis had been deferred at previous examinations. This gives a total of 1,556 individuals whose cases were handled by our Out-Patient Department.

Social Service.

On April 1, 1929, Rhoda L. Smith was appointed assistant to Miss Killam, Social Worker.

During the year 278 new cases were given social service, in addition to all those renewed and continued from previous years. A total of 580 visits were made in

connection with supervision of patients.

The functioning of the department has been the same as in the past—obtaining histories of newly admitted patients, supervision of patients on visit, supervision of patients in family care and investigating home conditions before patients are discharged.

Occupational Therapy and Industrial Departments.

Doris E. Montgomery, head occupational therapist, left the service on March 23, 1929, and Vera A. Mathieu, who was her assistant since March 1, 1928, was promoted to the position as head occupational therapist on July 15, 1929.

Classes were started in the sun room of A-4. for the patients in the A. and B. buildings. A very brief outline of the work done in the industrial and occupational therapy departments is as follows: 352 pairs of shoes soled; and 464 pairs heeled; 503 shoes patched; 286 mattresses made over from old material; 255 mattresses made over from new material; 204 pillows made over, old material; 160 pillows made over, new material; 32 chairs caned; 724 brooms made; 696 rag rugs woven; 108 jumpers made; 259 pairs of overalls made; 113 men's shirts made; 159 yards of cloth woven; 112 pairs of bed socks made; 1 hamper basket made; 14 settee cushions made; 8 couch covers made; 8 chair cushions made; 24 hydro pillows made; 26 laundry baskets made; 74 canvas mattresses made.

4,107 towels were hemmed; 1,157 pillow cases were made; 30 raffia waste baskets; 1,132 flour sacks hemmed; 591 crocheted and knitted face cloths; 7 pairs of crocheted bed room slippers; 1 knitted scarf; 96 pairs of cretonne curtains; 68 pairs of scrim curtains stencilled; 41 reed baskets made; 14 reed mats; 2 reed trays; 5 sweaters; 301 runners and stand covers; 12 cloth door pads; 7 holders; 1 reed window box; 1 dresser set; 51 valances; 7 hooked rugs; 37 sofa pillows.

Assemblies of Patients.

There were 173 assemblies of patients in the chapel during the year. These assemblies consisted of religious services, motion pictures, dances, parties, band and orchestra concerts, minstrels and plays.

During the summer evenings, a series of ball games was played for the championship of the hospital between teams composed of patients and employees, in which the patients were victors.

On retiring Dr. John A. Houston had installed on our organ a set of chimes. This organ was given to the hospital by a former superintendent, Dr. Edward B. Nims, when he retired in 1897.

A much needed curtain for the stage in the chapel was purchased with money willed to the hospital by the husband of a former patient.

Radios were installed in B 3, Upper First North, Middle First North and Upper First South.

B 2 and B 4 were opened and occupied by women patients in October and November, 1928.

A 2 and A 3 were occupied in April, 1929. A 4 will be opened as soon as we have a sufficient number of nurses.

Dining rooms were opened in A I and B I for patients in those buildings. Although the food is brought from the main kitchen, it is served hot as it is transported in vacuum carts.

Two new cottages were opened during the year, one being occupied by the steward and one by an assistant physician.

The new nurses' home for women attendants was opened in July, although it was not completely furnished until September. It is a well-planned building, pleasantly situated and tastily furnished and has many conveniences which add to the comforts of our nurses.

Farm.

The usual acreage of farm and garden crops were planted, but due to the extremely dry season, some of the crops as early potatoes, cabbage and onions

yielded only a partial tonnage. Had it not been for artificial sprinkling, the strawberries and turnips would have been nearly a failure.

The ensilage corn was planted early, came up quickly and yielded 408 tons of well-matured corn. This tonnage will carry the institution well into June when green feed will be available.

The hay crop (first cutting) was good, yielding 250 tons. The usual tonnage of second crop was a failure because of the drought. There was also cut nearly 100 tons of green hay for the dairy. The above tonnage is ample for the needs of the institution.

The yield of potatoes was less than normal. It is doubtful if a profitable crop of potatoes can be grown on the institution farm under the present tillage conditions.

Nearly every garden crop gave a maximum tonnage, as follows:
String beans, 12,375 lbs.; shell beans, 1,646 lbs.; beets, 44,507 lbs.; cabbage, 34,989 lbs.; carrots, 29,601 lbs.; celery, 3,592 lbs.; sweet corn, 32,812 lbs.; onions, 36,644 lbs.; parsnips, 3,164 lbs.; peas, 2,877 lbs.; pumpkins, 3,000 lbs.; squash, 38,068 lbs.; tomatoes, 38,511 lbs.; turnips, 37,508 lbs.; rhubarb, 11,405 lbs.; strawberries, 5,108 lbs.

The past season was not an apple year. The set was very light and the quality poor.

Poultry — Beginning the fiscal year there were 647 hens. 2,000 chicks were purchased. Total on hand at the end of the year, 748 hens. There were 2,204 lbs. of fowl used for food and 2,325 lbs. of broilers. 5,499 dozen of eggs were produced.

A new hen house was built, which was much needed for winter housing.

The swine made a very satisfactory showing. Although there were two slight out-breaks of cholera, over 40,000 lbs. of pork were produced and we had a much larger and better herd at the end of 1929. Also, the hospital again won the ton litter contest as in 1928.

The dairy is in a much better condition than for the past two years. The total yield of milk, 548,035 lbs., is somewhat lower per cow than in former years, due largely to breeding troubles in the past. Six cows were purchased, seven slaughtered for beef and two died. Nearly all the heifer calves are being raised to take the place of those cows that are no longer profitable. At the present time the herd consists of 100 head against 77 a year ago. A much better price has been obtained for the young calves.

About 800 tons of ice were harvested which was ample for the needs of the institution.

Several hundred loads of stone have been cleared from the different fields and drawn to the crusher for future road use.

The physical condition of the institution farm, as a whole, is much improved.

Repairs and Improvements.

There were many repairs made which are necessary to keep the hospital running efficiently. The following is a brief list of some of the more important repairs, renewals and additions.

Installation of a doughnut machine and a new vegetable steamer in the main kitchen.

The hydrant system was extended to the New Nurses' Home and to the new cottages.

Pipes for gas were extended to Cottages, 2, 3, 4 and 5.

A steam heating system was installed in employees' Cottages 3, 4, 5, 7 and 10.

The installation of the new plumbing was completed in the toilets and bathrooms in the Earle Building.

New plumbing fixtures were installed in the toilets of the First Halls North.

The wiring of the attics of the ward buildings for electricity was completed.

The electric light fixtures were replaced in L.3. South.

A new electric central call station was installed in the hospital telephone room.

An underground conduit and cables were laid for electric lights and power from

the ice machine room to the main barn.

Cement floors were laid in the basement rooms of the Employees' Home South and basements of Cottages 4, 5 and 10.

A new concrete retaining wall was built on the north side of the New Nurses' Home.

The pond just south west of the New Nurses' Home was filled in.

A new concrete curbing was laid on one side of the road leading to the rear of the Main Building.

In behalf of the patients I wish to thank the numerous friends of the hospital for the gifts donated for their benefit — money, victrolas, candy, fruit, magazines and books.

I also wish to express my appreciation to the employees for their loyalty and cooperation given me in conducting the activities of the hospital pending the appointment of a new superintendent.

EDWARD W. WHITNEY,
Acting Superintendent.

VALUATION.

November 30, 1929.

REAL ESTATE.

Land, 513 acres	$167,700.00
Buildings	1,720,539.46
	$1,888,239.46

PERSONAL PROPERTY.

Travel, transportation and office expenses	$2,281.10
Food	9,585.15
Clothing and materials	19,321.58
Furnishings and household supplies	75,711.35
Medical and general care	2,525.61
Heat, light and power	11,083.96
Farm	48,812.60
Garage, stables and grounds	7,242.50
Repairs	19,111.08
	$195,674.93

SUMMARY.

Real estate	$1,888,239.46
Personal property	195,674.93
	$2,083,914.39

FINANCIAL REPORT.

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1929.

CASH ACCOUNT.

Receipts.

Income.		
Board of Patients	$118,966.77	$118,966.77
Personal Services:		
Reimbursement from Board of Retirement		140.33
Sales:		
Food	$ 97.32	
Clothing and materials	124.65	
Furnishings and household supplies	32.50	
Medical and general care	88.51	
Farm:		
Cows and calves	244.39	
Hides	51.14	
Wood	1.00	
Sundries, barrels and bags	22.42	
Garage, stable and grounds	1.04	
Repairs, ordinary	75.96	
Arts and Crafts sales	9.50	
Total sales		748.43
Miscellaneous:		
Interest on bank balances	$713.68	
Rent	970.10	
		$1,683.78
Total income		$121,539.31

MAINTENANCE.

Balance from previous year, brought forward	$ 6,595.12
Appropriations, current year	499,000.00
Total	$505,595.12
Expenses (as analyzed below)	460,772.92
Balance reverting to Treasury of Commonwealth	$44,822.20

Analysis of Expenses.

Personal services	$223,656.88
Religious instruction	1,220.00
Travel, transportation and office expenses	5,972.45
Food	101,895.24
Clothing and materials	8,144.62
Furnishings and household supplies	24,746.77
Medical and general care	11,258.90
Heat, light and power	32,380.72
Farm	23,556.28
Garage, stable and grounds	3,430.73
Repairs, ordinary	14,815.66
Repairs and renewals	9,694.67
Total expenses for Maintenance	$460,772.92

SPECIAL APPROPRIATIONS.

Balance December 1, 1928		$17,059.65
Appropriations for current year		32,500.00
Total		$49,559.65
Expended during the year (see statement below)	$20,423.10	
Reverting to Treasury of Commonwealth	18.54	20,441.64
Balance November 30, 1929, carried to next year		$29,118.01

OBJECT.	Act or Resolve.	Whole Amount.	Expended During Fiscal Year.	Total Expended To Date.	Balance at End of Year.
Ward Building	Ch. 138 '27	$182,000.00	$15,632.37	$181,981.46	$ 18.54*
Nurses' Home	Ch. 138 '27	141,275.00	1,408.74	141,275.00	
Furnishing Nurses' Home	Ch. 146 '29	10,000.00	3,381.99	3,381.99	6,618.01
Superintendent's House	Ch. 146 '29	22,500.00			22,500.00
		$355,775.00	$20,423.10	$326,638.45	$29,136.55

Balance reverting to Treasury of the Commonwealth during year (mark item with*)	$18.54
Balance carried to next year	29,118.01
Total as above	$29,136.55

PER CAPITA.

During the year the average number of inmates has been 1,389.
Total cost for maintenance, $460,772.92
Equal to a weekly per capita cost of $6.3794 (52 weeks to year).
Receipt from sales, $748.43.
Equal to a weekly per capita cost of $0.0098.
All other institution receipts, $120,790.88.
Equal to a weekly per capita cost of $1.6674.
Net weekly per capita $4.6967.

Respectfully submitted,

EVA L. GRAVES, *Treasurer.*

STATISTICAL TABLES.

As Adopted by American Psychiatric Association.
Prescribed by Massachusetts Department of Mental Diseases.

Table 1. *General Information.*

1. Date of opening as an institution for the insane: August 16, 1858.
2. Type of institution: State.
3. Hospital plant:

Real estate, including buildings and betterments	$1,888,239.46
Personal property	195,674.93
Total	$2,083,914.39

Total acreage of hospital property: 513.
Acreage under cultivation during year: 147.

4. Medical Service:

	F.	M.	T.
Superintendents	1	–	1
Assistant physicians	4	6	10
Dentist	1	–	1
Total physicians	6	6	12

5. Employees:

Graduate nurses	–	5	5
Other nurses and attendants	59	52	111
Social workers	–	2	2
All other employees	73	50	123
	132	109	241
Percentage of patients employed during year	54.2	64.8	59.5

Note: — The following items, 5 to 9, inclusive, are for the year ended September 30, 1929.

6. Census of patient population at end of year:

	Actually in Hospital.			Absent from Hospital but Still on Books.		
	M.	F.	T.	M.	F.	T.
White:						
Insane	617	739	1,356	107	149	256
Epileptics	1	–	1	–	–	–
Mental defectives	24	18	42	1	2	3
All other cases	–	4	4	1	1	2
Total	642	761	1,403	109	152	261
Other races:						
Insane	9	4	13	1	1	2
Total	9	4	13	1	1	2
Grand Total	651	765	1,416	110	153	263

	M.	F.	T.
7. Patients under treatment in occupational therapy classes, including physical training, on date of report	9	130	139
8. Other patients employed in general work of hospital on date of report	336	340	676
9. Average daily number of all patients actually in hospital during year	640	732	1,372
10. Voluntary patients admitted during year	4	6	10
11. Persons given advice or treatment in out-patient clinics during year	327	188	515

Table 2. *Financial Statement*

See treasurer's report for data requested under this table.

Note:—The following tables 3–19, inclusive, are for the statistical year ended September 30, 1929.

TABLE 3. *Movement of Patient Population.*

	Insane.			Voluntary.			Temporary Care and Observation.			Total on Books.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1928	696	847	1,543	4	1	5	8	2	10	708	850	1,558
Admissions during year:												
First admissions	214	183	397	1	3	4	37	15	52	252	201	453
Readmissions	35	51	86	3	3	6	–	1	1	38	55	93
Transfers from other hospitals for mental diseases	3	3	6	–	–	–	–	–	–	3	3	6
Total received during year	252	237	489	4	6	10	37	16	53	293	259	552
Total on books during year	948	1,084	2,032	8	7	15	45	18	63	1,001	1,109	2,110
Discharged from books during year:												
As recovered	37	18	55	–	4	4	12	3	15	49	25	74
As improved	41	64	105	2	–	2	3	3	6	46	67	113
As unimproved	14	14	28	2	2	4	3	4	7	19	20	39
As without psychosis	5	6	11	–	–	–	12	3	15	17	9	26
Transferred to other hospitals for mental diseases	13	1	14	–	–	–	1	–	1	14	1	15
Died during the year	89	66	155	–	1	1	6	2	8	95	69	164
Total discharged, transferred, and died during year	199	169	368	4	7	11	37	15	52	240	191	431
Insane patients remaining on books at end of hospital year:												
In hospital	640	762	1,402	4	–	4	7	3	10	651	765	1,416
On parole or otherwise absent	109	153	262	–	–	–	1	–	1	110	153	263
Total	749	915	1,664	4	–	4	8	3	11	761	918	1,679

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions.*

Nativity.	Patients.			Parents of Male Patients.			Parents of Female Patients.		
	M.	F.	T.	Fathers.	Mothers.	Both Parents.	Fathers.	Mothers.	Both Parents.
United States	136	119	255	71	73	59	65	73	62
Austria	3	2	5	5	3	3	3	3	3
Belgium	1	–	1	1	1	1	–	–	–
Canada[1]	14	10	24	31	27	24	16	13	10
England	2	3	5	5	7	3	9	6	5
France	1	–	1	1	1	1	1	–	–
Germany	5	3	8	6	6	6	5	5	4
Greece	3	–	3	3	3	3	–	–	–
India	–	1	1	–	–	–	–	–	–
Ireland	13	17	30	38	41	35	38	41	37
Italy	6	4	10	7	8	7	8	6	6
Mexico	1	–	1	1	1	1	–	–	–
Norway	1	–	1	2	1	1	–	–	–
Poland	12	12	24	17	17	17	15	15	15
Roumania	–	–	–	–	–	–	1	–	–
Russia	9	2	11	10	10	10	3	4	3
Scotland	2	3	5	4	3	2	6	4	4
South America	–	1	1	–	–	–	–	–	–
Spain	1	–	1	1	1	1	–	–	–
Sweden	3	3	6	2	3	2	4	4	4
Other countries	–	1	1	–	–	–	1	–	–
Unascertained	1	2	3	9	8	5	8	9	8
Total	214	183	397	214	214	181	183	183	161

[1]Includes Newfoundland.

TABLE 4-A. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.*

Age Groups.	Aggregate.			Native Born. Total.			Parentage. Native.			Parentage. Foreign.			Parentage. Mixed.			Parentage. Unascertained.			Foreign Born. Total.			Time in United States before Admission. Under 5 years.			5–9 years.			10–14 years.			15 years and over.			Unascertained.			Nativity unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years	–	1	1	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	7	5	12	7	5	12	3	2	5	4	1	5	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20–24 years	16	15	31	13	12	25	2	4	6	7	3	10	4	2	6	–	3	3	3	3	6	–	–	–	–	–	–	–	–	–	3	3	6	–	–	–	–	–	–
25–29 years	18	10	28	14	8	22	8	3	11	1	2	3	5	3	8	–	–	–	4	2	6	1	–	1	–	–	–	–	–	–	3	2	5	–	–	–	–	–	–
30–34 years	17	16	33	11	8	19	5	2	7	5	4	9	–	2	2	1	–	1	6	8	14	–	–	–	1	–	1	–	–	–	5	8	13	–	–	–	–	–	–
35–39 years	23	18	41	11	12	23	3	7	10	5	3	8	3	2	5	–	–	–	12	6	18	–	–	–	–	1	1	–	–	–	12	5	17	–	–	–	–	–	–
40–44 years	24	13	37	16	7	23	5	2	7	6	4	10	5	1	6	–	–	–	8	6	14	–	–	–	–	1	1	–	–	–	8	5	13	–	–	–	–	–	–
45–49 years	13	21	34	7	12	19	3	6	9	3	4	7	1	1	2	–	1	1	6	9	15	–	–	–	–	–	–	–	–	–	6	9	15	–	–	–	–	–	–
50–54 years	24	14	38	13	9	22	5	6	11	6	2	8	2	1	3	–	–	–	11	5	16	–	–	–	–	–	–	–	–	–	11	5	16	–	–	–	–	–	–
55–59 years	9	18	27	4	10	14	2	6	8	–	3	3	1	1	2	1	–	1	5	8	13	–	–	–	–	–	–	–	–	–	5	8	13	–	–	–	–	–	–
60–64 years	13	10	23	9	5	14	4	4	8	2	1	3	3	–	3	–	–	–	4	5	9	–	–	–	–	–	–	–	–	–	4	5	9	–	–	–	–	–	–
65–69 years	11	18	29	5	13	18	1	7	8	2	4	6	2	2	4	–	–	–	6	5	11	–	–	–	–	–	–	–	–	–	6	5	11	–	–	–	–	–	–
70 years and over	39	24	63	26	17	43	17	13	30	3	–	3	4	1	5	2	3	5	13	7	20	–	–	–	–	–	–	–	–	–	13	7	20	–	–	–	–	–	–
Total	214	183	397	136	119	255	58	62	120	44	32	76	30	18	48	4	7	11	78	64	142	1	–	1	1	2	3	–	–	–	76	62	138	–	–	–	–	–	–

TABLE 5. *Citizenship of First Admissions.*

	Males.	Females.	Total.
Citizens by birth	136	119	255
Citizens by naturalization	33	19	52
Aliens	41	28	69
Citizenship unascertained	4	17	21
Total	214	183	397

TABLE 6. *Psychoses of First Admissions.*

PSYCHOSES.	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				1	–	1
2. Senile psychoses				4	13	17
3. Psychoses with cerebral arteriosclerosis				39	22	61
4. General paralysis				20	4	24
5. Psychoses with cerebral syphilis				–	1	1
6. Psychoses with Huntington's chorea				–	–	–
7. Psychoses with brain tumor				–	1	1
8. Psychoses with other brain or nervous diseases, total				4	4	8
Cerebral embolism	–	1	1			
Meningitis, tubercular or other forms	–	–	–			
Multiple sclerosis	1	–	1			
Other diseases	3	3	6			
9. Alcoholic psychoses, total				41	3	44
Delirium tremens	1	–	1			
Korsakow's psychosis	2	1	3			
Acute hallucinosis	24	1	25			
Other types, acute or chronic	14	1	15			
10. Psychoses due to drugs and other exogenous toxins, total				–	–	–
11. Psychoses with pellagra				–	1	1
12. Psychoses with other somatic diseases, total				9	17	26
Post-infectious psychosis	1	1	2			
Exhaustion delirium	1	5	6			
Delirium of unknown origin	–	2	2			
Cardio-renal diseases	4	5	9			
Other diseases or conditions	3	4	7			
13. Manic-depressive psychoses, total				28	36	64
Manic type	20	13	33			
Depressive type	7	22	29			
Other types	1	1	2			
14. Involution melancholia				13	6	19
15. Dementia praecox (schizophrenia)				41	55	96
16. Paranoia and paranoid conditions				–	–	–
17. Epileptic psychoses				1	2	3
18. Psychoneuroses and neuroses, total				–	6	6
Hysterical type	–	1	1			
Psychasthenic type (anxiety and obsessive forms)	–	1	1			
Neurasthenic type	–	1	1			
Other types	–	3	3			
19. Psychoses with psychopathic personality				–	1	1
20. Psychoses with mental deficiency				6	10	16
21. Undiagnosed psychoses				–	–	–
22. Without psychosis, total				7	1	8
Epilipsy without psychosis	1	–	1			
Drug addiction without psychosis	1	–	1			
Mental deficiency without psychosis	4	–	4			
Others	1	1	2			
Total				214	183	397

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses.*

RACE.	Total.			Traumatic.			Senile.			With cerebral arteriosclerosis.			General paralysis.			With cerebral syphilis.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	10	–	10	–	–	–	1	–	1	–	–	–	4	–	4	–	–	–
Dutch and Flemish	3	–	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
English	31	33	64	–	–	–	2	7	9	13	4	17	2	–	2	–	–	–
French	28	15	43	–	–	–	–	–	–	4	3	7	2	1	3	–	–	–
German	8	4	12	–	–	–	–	–	–	2	1	3	1	–	1	–	–	–
Greek	3	–	3	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Hebrew	3	4	7	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Irish	43	41	84	–	–	–	–	4	4	9	3	12	3	1	4	–	–	–
Italian[1]	8	7	15	1	–	1	–	–	–	–	1	1	2	–	2	–	–	–
Lithuanian	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mexican	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Roumanian	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	4	4	8	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–
Scotch	5	8	13	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–
Slavonic[3]	23	16	39	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–
Spanish	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	34	49	83	–	–	–	1	2	3	7	7	14	2	2	4	–	1	1
Race unascertained	7	1	8	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	214	183	397	1	–	1	4	13	17	39	22	61	20	4	24	–	1	1

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued.

RACE.	With Huntington's chorea.			With brain tumor.			With other brain or nervous diseases.			Alcoholic.			Due to drugs and other exogenous toxins.			With pellagra.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
French	–	–	–	–	–	–	1	–	1	6	1	7	–	–	–	–	–	–
German	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	–	–	–	–	1	1	–	1	1	11	2	13	–	–	–	–	–	–
Italian[1]	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mexican	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Roumanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Slavonic[3]	–	–	–	–	–	–	1	–	1	10	–	10	–	–	–	–	–	–
Spanish	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Mixed	–	–	–	–	–	–	–	3	3	6	–	6	–	–	–	–	1	1
Race unascertained	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	–	–	–	–	1	1	4	4	8	41	3	44	–	–	–	–	1	1

3 Norwegians, Danes and Swedes.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued.

RACE.	With other somatic diseases.			Manic-depressive.			Involution melancholia.			Dementia praecox.			Paranoia and paranoid conditions.			Epileptic psychoses.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	2	–	2	1	–	1	1	–	1	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
English	1	5	6	2	6	8	1	1	2	4	8	12	–	–	–	–	–	–
French	–	2	2	5	2	7	2	1	3	5	4	9	–	–	–	–	–	–
German	1	1	2	1	1	2	1	–	1	1	1	2	–	–	–	–	–	–
Greek	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
Hebrew	–	–	–	2	2	4	–	–	–	–	2	2	–	–	–	–	–	–
Irish	4	3	7	7	7	14	4	1	5	5	14	19	–	–	–	–	–	–
Italian[1]	–	1	1	1	1	2	–	1	1	3	1	4	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Mexican	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Roumanian	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	1	1	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–
Scotch	1	1	2	1	1	2	–	–	–	1	3	4	–	–	–	–	1	1
Slavonic[3]	1	1	2	1	7	8	2	–	2	6	7	13	–	–	–	–	–	–
Spanish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	1	2	3	3	6	9	1	2	3	7	14	21	–	–	–	1	1	2
Race unascertained	–	–	–	1	1	2	1	–	1	3	–	3	–	–	–	–	–	–
Total	9	17	26	28	36	64	13	6	19	41	55	96	–	–	–	1	2	3

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded.

RACE.	Psychoneuroses and neuroses.			With psychopathic personality.			With mental deficiency.			Undiagnosed psychoses.			Without psychosis.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	1	1	1	1	2	–	–	–	3	–	3
French	–	1	1	–	–	–	1	–	1	–	–	–	2	–	2
German	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
Italian[1]	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mexican	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Roumanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Spanish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	–	3	3	–	–	–	3	5	8	–	–	–	2	–	2
Race unascertained	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	–	6	6	–	1	1	6	10	16	–	–	–	7	1	8

3 Norwegians, Danes and Swedes.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total			Under 15 years.			15–19 years			20–24 years.			25–29 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
2. Senile	4	13	17	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	39	22	61	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	20	4	24	–	–	–	–	–	–	–	–	–	1	–	1
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	–	–	–	–	–	–	–	1	1	–	1	1
9. Alcoholic	41	3	44	–	–	–	–	–	–	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	9	17	26	–	1	1	–	–	–	–	1	1	–	1	1
13. Manic-depressive	28	36	64	–	–	–	1	3	4	5	2	7	4	–	4
14. Involution melancholia	13	6	19	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	41	55	96	–	–	–	5	2	7	9	10	19	8	5	13
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	2	3	–	–	–	–	–	–	–	–	–	1	–	1
18. Psychoneuroses and neuroses	–	6	6	–	–	–	–	–	–	–	1	1	–	1	1
19. With psychopathic personality	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	6	10	16	–	–	–	1	–	1	–	–	–	2	2	4
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	7	1	8	–	–	–	–	–	–	1	–	1	1	–	1
Total	214	183	397	–	1	1	7	5	12	16	15	31	18	10	28

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued.

PSYCHOSES.	30–34 years.			35–39 years.			40–44 years.			45–49 years.			50–54 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	3	–	3	3	–	3	3	1	4	4	2	6	3	–	3
5. With cerebral syphilis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
8. With other brain or nervous diseases	1	–	1	–	–	–	1	–	1	–	–	–	1	–	1
9. Alcoholic	4	1	5	8	–	8	8	–	8	4	1	5	9	1	10
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–	1	–	1	–	3	3	1	3	4
13. Manic-depressive	1	6	7	2	8	10	3	7	10	2	3	5	5	5	10
14. Involution melancholia	–	–	–	–	–	–	2	–	2	2	–	2	4	–	4
15. Dementia praecox	7	6	13	7	8	15	3	2	5	1	10	11	1	4	5
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	2	3	2	–	2	–	1	1	–	1	1	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	1	1	1	–	1	3	–	3	–	–	–	–	–	–
	17	16	33	23	18	41	24	13	37	13	21	34	24	14	38

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded.

PSYCHOSES.	55–59 years.			60–64 years.			65–69 years.			70 years and over.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	3	3	4	10	14
3. With cerebral arteriosclerosis	1	3	4	5	3	8	7	5	12	26	11	37
4. General paralysis	–	1	1	2	–	2	1	–	1	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	2	2	1	–	1	–	–	–	–	–	–
9. Alcoholic	4	–	4	–	–	–	1	–	1	2	–	2
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	1	3	4	1	2	3	–	2	2	5	1	6
13. Manic-depressive	2	1	3	1	–	1	1	1	2	1	–	1
14. Involution melancholia	1	2	3	3	1	4	1	3	4	–	–	–
15. Dementia praecox	–	3	3	–	1	1	–	4	4	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	1	1
20. With mental deficiency	–	2	2	–	1	1	–	–	–	–	1	1
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	1	–	1
Total	9	18	27	13	10	23	11	18	29	39	24	63

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Illiterate			Reads and Writes.*			Common School.			High School.			College.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
2. Senile	4	13	17	–	–	–	1	2	3	3	8	11	–	3	3	–	–	–	–	–	–
3. With cerebral arteriosclerosis	39	22	61	4	–	4	11	1	12	21	13	34	1	3	4	1	1	2	1	4	5
4. General paralysis	20	4	24	3	–	3	6	1	7	9	3	12	2	–	2	–	–	–	–	–	–
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	–	–	–	2	1	3	–	2	2	–	1	1	1	–	1	1	–	1
9. Alcoholic	41	3	44	6	–	6	16	–	16	17	3	20	1	–	1	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	9	17	26	2	1	3	1	1	2	5	10	15	1	3	4	–	1	1	–	1	1
13. Manic-depressive	28	36	64	1	2	3	4	6	10	14	17	31	7	8	15	1	1	2	1	2	3
14. Involution melancholia	13	6	19	3	1	4	3	–	3	7	4	11	–	1	1	–	–	–	–	–	–
15. Dementia praecox	41	55	96	1	3	4	3	7	10	28	28	56	5	13	18	1	4	5	3	–	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	2	3	1	–	1	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	1	1	–	–	–	–	4	4	–	–	–	–	–	–	–	1	1
19. With psychopathic personality	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
20. With mental deficiency	6	10	16	2	2	4	2	2	4	2	6	8	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	7	1	8	–	–	–	1	–	1	5	1	6	1	–	1	–	–	–	–	–	–
Total	214	183	397	23	10	33	50	21	71	111	103	214	19	34	53	4	7	11	7	8	15

* Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Urban.			Rural.		
	M.	F.	T.	M.	F.	T	M.	F.	T.
1. Traumatic	1	–	1	1	–	1	–	–	–
2. Senile	4	13	17	4	13	17	–	–	–
3. With cerebral arteriosclerosis	39	22	61	33	21	54	6	1	7
4. General paralysis	20	4	24	19	3	22	1	1	2
5. With cerebral syphilis	–	1	1	–	1	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	1	1	–	–	–
8. With other brain or nervous diseases	4	4	8	4	4	8	–	–	–
9. Alcoholic	41	3	44	39	2	41	2	1	3
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–
12. With other somatic diseases	9	17	26	8	16	24	1	1	2
13. Manic-depressive	28	36	64	27	34	61	1	2	3
14. Involution melancholia	13	6	19	13	6	19	–	–	–
15. Dementia praecox	41	55	96	39	53	92	2	2	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	2	3	1	2	3	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	6	6	–	–	–
19. With psychopathic personality	–	1	1	–	1	1	–	–	–
20. With mental deficiency	6	10	16	4	10	14	2	–	2
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–
22. Without psychosis	7	1	8	6	1	7	1	–	1
Total	214	183	397	198	175	373	16	8	24

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES.	Total.			Dependent.			Marginal.			Comfortable.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
2. Senile	4	13	17	2	1	3	1	11	12	1	1	2	–	–	–
3. With cerebral arteriosclerosis	39	22	61	3	2	5	18	18	36	16	1	17	2	1	3
4. General paralysis	20	4	24	3	–	3	16	4	20	–	–	–	1	–	1
5. With cerebral syphilis	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	–	–	–	2	3	5	–	1	1	2	–	2
9. Alcoholic	41	3	44	1	1	2	28	2	30	11	–	11	1	–	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	9	17	26	–	1	1	6	14	20	3	1	4	–	1	1
13. Manic depressive	28	36	64	1	2	3	20	30	50	6	3	9	1	1	2
14. Involution melancholia	13	6	19	–	–	–	10	6	16	2	–	2	1	–	1
15. Dementia praecox	41	55	96	–	4	4	32	48	80	5	3	8	4	–	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	2	3	–	–	–	–	2	2	1	–	1	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	–	–	–	5	5	–	1	1	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
20. With mental deficiency	6	10	16	–	2	2	5	8	13	1	–	1	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	7	1	8	1	–	1	5	1	6	1	–	1	–	–	–
Total	214	183	397	11	13	24	144	156	300	47	11	58	12	3	15

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Abstinent.			Temperate.			Intemperate.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
2. Senile	4	13	17	2	12	14	2	1	3	–	–	–	–	–	–
3. With cerebral arteriosclerosis	39	22	61	19	22	41	17	–	17	2	–	2	1	–	1
4. General paralysis	20	4	24	8	4	12	6	–	6	6	–	6	–	–	–
5. With cerebral syphilis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	1	4	5	1	–	1	2	–	2	–	–	–
9. Alcoholic	41	3	44	–	–	–	–	–	–	41	3	44	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	9	17	26	5	16	21	3	1	4	1	–	1	–	–	–
13. Manic depressive	28	36	64	8	32	40	13	3	16	6	–	6	1	1	2
14. Involution melancholia	13	6	19	7	6	13	6	–	6	–	–	–	–	–	–
15. Dementia praecox	41	55	96	14	47	61	18	7	25	6	–	6	3	1	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	2	3	1	2	3	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	6	6	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
20. With mental deficiency	6	10	16	4	10	14	2	–	2	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	7	1	8	–	1	1	6	–	6	1	–	1	–	–	–
Total	214	183	397	70	166	236	74	12	86	65	3	68	5	2	7

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Single.			Married.			Widowed.			Separated.			Divorced.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	4	13	17	1	–	1	1	4	5	2	8	10	–	–	–	–	1	1
3. With cerebral arteriosclerosis	39	22	61	7	4	11	16	8	24	16	10	26	–	–	–	–	–	–
4. General paralysis	20	4	24	5	1	6	14	3	17	–	–	–	–	–	–	1	–	1
5. With cerebral syphilis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	–	2	2	4	2	6	–	–	–	–	–	–	–	1	1
9. Alcoholic	41	3	44	14	1	15	25	2	27	2	–	2	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	9	17	26	4	4	8	5	8	13	–	5	5	–	–	–	–	–	–
13. Manic-depressive	28	36	64	12	8	20	12	23	35	2	5	7	1	–	1	1	–	1
14. Involution melancholia	13	6	19	6	–	6	4	2	6	3	4	7	–	–	–	–	–	–
15. Dementia praecox	41	55	96	28	26	54	11	21	32	–	7	7	–	1	1	2	–	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	2	3	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	2	2	–	3	3	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
20. With mental deficiency	6	10	16	5	7	12	1	3	4	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	7	1	8	3	–	3	2	1	3	1	–	1	–	–	–	1	–	1
Total	214	183	397	87	57	144	95	81	176	26	42	68	1	1	2	5	2	7

TABLE 14. *Psychoses of Readmissions.*

PSYCHOSES.	Males.	Females.	Total.
1. Traumatic psychoses	–	–	–
2. Senile psychoses	–	–	–
3. Psychoses with cerebral arteriosclerosis	–	–	–
4. General paralysis	1	1	2
5. Psychoses with cerebral syphilis	–	–	–
6. Psychoses with Huntington's chorea	–	–	–
7. Psychoses with brain tumor	–	–	–
8. Psychoses with other brain or nervous diseases	–	1	1
9. Alcoholic psychoses	2	4	6
10. Psychoses due to drugs and other exogenous toxins	–	–	–
11. Psychoses with pellagra	–	–	–
12. Psychoses with other somatic diseases	1	1	2
13. Manic-depressive psychoses	12	22	34
14. Involution melancholia	–	–	–
15. Dementia praecox	16	19	35
16. Paranoia and paranoid conditions	–	–	–
17. Epileptic psychoses	–	1	1
18. Psychoneuroses and neuroses	–	–	–
19. Psychoses with psychopathic personality	–	1	1
20. Psychoses with mental deficiency	1	–	1
21. Undiagnosed psychoses	–	–	–
22. Without psychosis	2	1	3
Total	35	51	86

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES.	Total.			Recovered.			Improved.			Unimproved.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	3	3	–	–	–	–	2	2	–	1	1
3. With cerebral arteriosclerosis	1	3	4	–	–	–	1	3	4	–	–	–
4. General paralysis	3	1	4	–	–	–	2	1	3	1	–	1
5. With cerebral syphilis	–	2	2	–	–	–	–	2	2	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	1	1	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	30	5	35	23	2	25	5	2	7	2	1	3
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	1	1	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	1	10	11	–	1	1	1	5	6	–	4	4
13. Manic-depressive	18	34	52	10	15	25	7	15	22	1	4	5
14. Involution melancholia	4	1	5	3	–	3	1	1	2	–	–	–
15. Dementia praecox	32	28	60	–	–	–	23	25	48	9	3	12
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	1	1	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	2	2	–	–	–	–	1	1	–	1	1
20. With mental deficiency	3	2	5	1	–	1	1	2	3	1	–	1
21. Undiagnosed psychoses	–	2	2	–	–	–	–	2	2	–	–	–
22. Without psychosis	5	6	11	–	–	–	–	–	–	–	–	–
Total	97	102	199	37	18	55	41	64	105	14	14	28

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses.*

CAUSES OF DEATH.	Total.			Senile.			With cerebral arterio-sclerosis.			General paralysis.			Alcoholic.			Manic-depressive.			Involution melancholia.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases.																					
Influenza	3	1	4	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
Lethargic encephalitis	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	3	4	7	–	1	1	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
General Diseases Not Included in Class I																					
Cancer and other malignant tumors	4	6	10	–	–	–	–	1	1	–	–	–	–	–	–	1	1	2	–	–	–
Pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other general diseases	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System.																					
Tabes dorsalis (locomotor ataxia)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage, apoplexy	7	18	25	–	3	3	5	8	13	–	–	–	1	–	1	–	2	2	–	1	1
General paralysis of the insane	20	2	22	–	–	–	–	–	–	20	2	22	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System.																					
Endocarditis and myocarditis	12	21	33	2	5	7	4	5	9	–	–	–	–	–	–	2	2	4	–	–	–
Arteriosclerosis	23	3	26	–	3	3	22	–	22	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the circulatory system	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System.																					
Bronchopneumonia	–	3	3	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lobar pneumonia	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
Asthma	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System.																					
Diarrhea and enteritis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa.																					
Nephritis	8	3	11	–	1	1	3	–	3	–	–	–	2	–	2	–	1	1	–	–	–
External Causes.																					
Other external causes	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Total	89	66	155	3	17	20	36	14	50	20	2	22	4	–	4	4	8	12	1	1	2

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses* — Concluded.

CAUSES OF DEATH.	Dementia praecox.			Paranoia and paranoid conditions.			Epileptic psychoses.			Psycho-neuroses and neuroses.			With psychopathic personality.			With mental deficiency.			All other* psychoses.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases.																					
Influenza	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lethargic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
Tuberculosis of the respiratory system	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General Diseases Not Included in Class I.																					
Cancer and other malignant tumors	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3
Pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Diabetes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Other general diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
Diseases of the Nervous System.																					
Tabes dorsalis (locomotor ataxia)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Cerebral hemorrhage, apoplexy	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	2	2
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Diseases of the Circulatory System.																					
Endocarditis and myocarditis	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	5	7
Arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Other diseases of the circulatory system	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System.																					
Bronchopneumonia	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lobar pneumonia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Asthma	–	–	–																		
Diseases of the Digestive System.				–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diarrhea and enteritis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa.																					
Nephritis	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
External Causes.																					
Other external causes.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	11	9	20	–	–	–	–	–	–	–	1	1	–	–	–	–	2	2	10	12	22

* Includes group 22, "without psychosis."

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Under 15 years.			15–19 years.			20–24 years.			25–29 years.			30–34 years.			35–39 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	3	17	20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	36	14	50	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	20	2	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	2	4	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
9. Alcoholic	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	7	8	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13. Manic-depressive	4	8	12	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
14. Involution melancholia	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	11	9	20	–	–	–	1	–	1	1	–	1	–	1	1	3	–	3	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	89	66	155	–	–	–	2	–	2	1	–	1	–	2	2	4	–	4	2	–	2

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses* — Concluded.

PSYCHOSES.	40–44 years.			45–49 years.			50–54 years.			55–59 years.			60–64 years.			65–69 years.			70 years and over.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	17	20
3. With cerebral arteriosclerosis	–	–	–	–	–	–	1	–	1	–	–	–	2	1	3	2	2	4	31	11	42
4. General paralysis	4	–	4	6	–	6	4	1	5	1	1	2	2	–	2	–	–	–	1	–	1
5. With cerebral syphilis	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–	1	–	1
9. Alcoholic	–	–	–	–	–	–	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	2	–	2	–	1	1	1	2	3	–	2	2	1	1	2	–	1	1	3	1	4
13. Manic-depressive	–	–	–	–	1	1	–	2	2	2	–	2	–	–	–	–	2	2	1	3	4
14. Involution melancholia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–
15. Dementia praecox	–	–	–	–	2	2	–	1	1	1	–	1	1	2	3	1	2	3	3	1	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Total	6	1	7	6	4	10	8	7	15	5	4	9	7	6	13	4	8	12	44	34	78

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses.*

PSYCHOSES.	Total.			Less than 1 month.			1–3 months.			4–7 months.			8–12 months.			1–2 years.			3–4 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	3	17	20	–	1	1	1	–	1	–	4	4	–	2	2	–	5	5	1	3	4
3. With cerebral arteriosclerosis	36	14	50	8	1	9	8	6	14	4	1	5	5	1	6	8	3	11	1	2	3
4. General paralysis	20	2	22	2	–	2	–	1	1	6	–	6	1	–	1	7	1	8	4	–	4
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	2	4	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	1	1
9. Alcoholic	4	–	4	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	7	8	15	5	2	7	2	1	3	–	2	2	–	1	1	–	2	2	–	–	–
13. Manic-depressive	4	8	12	1	1	2	1	1	2	–	–	–	1	–	1	1	1	2	–	1	1
14. Involution melancholia	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–
15. Dementia praecox	11	9	20	1	–	1	–	2	2	–	–	–	–	–	–	1	–	1	2	–	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	2	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	89	66	155	19	7	26	14	11	25	10	8	18	8	5	13	18	13	31	8	8	16

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded.

PSYCHOSES.	5–6 years.			7–8 years.			9–10 years.			11–12 years.			13–14 years.			15–19 years.			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	2	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1
4. General paralysis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13. Manic-depressive	–	3	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14. Involution melancholia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	–	–	–	1	–	1	1	–	1	–	2	2	1	2	3	–	2	2	4	1	5
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	1	5	6	2	1	3	2	–	2	1	2	3	1	2	3	–	2	2	5	2	7

TABLE 19. *Family Care Department.*

	Male.	Female.	Total.
Remaining in Family Care Oct. 1, 1928	–	6	6
On visit from Family Care Oct. 1, 1928	–	–	–
Admitted during year	–	1	1
Whole number of cases within the year	–	7	7
Dismissed within the year	–	–	–
Returned to institution	–	–	–[1]
Discharged	–	–	–
On visit	–	–	–
Remaining in Family Care Sept. 30, 1929	–	7	7
Supported by State	–	4	4
Private	–	3	3
Self-supporting	–	–	–
Number of different persons within the year	–	7	7
Number of different persons dismissed	–	–	–
Number of different persons admitted	–	1	1
Average daily number in Family Care during the year	–	6.4	6.4
Supported by State	–	4	4
Private	–	3.4	3.4
Self-supporting	–	–	–

[1] One returned to the hospital from Family Care on June 5, 1928, only staying in the hospital four days, returned at the end of that time back to Family Care.

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1930

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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OCCUPATIONAL PRINTING PLANT
DEPARTMENT OF MENTAL DISEASES
GARDNER STATE COLONY
GARDNER, MASS.

NORTHAMPTON STATE HOSPITAL

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Mr. Walter L. Stevens, *Chairman*, Northampton.
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Dr. Harriet W. Whitney, *Senior Physician to Out-Patient and Social Service Department*
Dr. Elizabeth Kundert, *Senior Physician.*
Dr. Albert Bourcier, *Senior Physician.*
Dr. Rhoda U. Musgrave, *Assistant Physician.*
Dr. Ruth M. Thompson, *Assistant Physician.*
Dr. B. Edwin Zawacki, *Assistant Physician.*
Dr. Kenneth B. Crossfield, *Assistant Physician.*
Dr. Lucien H. Harris, *Dentist.*
Frank W. Smith, *Steward.*

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Mary W. Killam, *Psychiatric Social Worker.*
Vera A. Mathieu, *Head Occupational Therapist.*

TRUSTEES' REPORT.

To His Excellency the Governor of the Commonwealth and the Honorable Council:

The Trustees of the Northampton State Hospital have the honor to present herewith their report for the year ending November 30, 1930.

The daily average number of patients was 1,494.6, as compared with 1,372 the previous year. The net weekly cost of maintenance was $6.27 per capita.

The activities of the various departments of the hospital are given in detail in the Superintendent's report.

Much work was done during the past year by the maintenance department; among the important items should be mentioned alterations in the North and South Infirmary wards, thus providing more space for patients requiring infirmary care; relocation of gas mains; additional laboratory and treatment room equipment; enlarging and equipping the drug room; painting and papering employees' cottages; relocation of fire alarm boxes and installing new fire protection equipment.

During the year the hospital experienced an outbreak of diphtheria somewhat more extensive than usual which, however, did not necessitate the quarantine of the institution. Many of the cases were very mild and measures were taken to immunize all patients and employees.

The rebuilding of the recreation pavilion this year will restore to the patients the use of a club house which has been greatly missed.

The overcrowding of our wards will also be relieved by the construction of an additional ward building in the new group. This building will accommodate 150 patients.

With our ever-increasing population the need for additional farm land is emphasized and it is hoped that an expansion of our acreage will soon be possible.

1930

On February first, Dr. Theodore A. Hoch, the newly-appointed superintendent, assumed his duties. He came to us with an understanding, acquired from years of experience, of the needs of an institution such as this; he brought to the work immeasurable zeal and enthusiasm and has given without stint of his time, energy and ability, all to the great good of our hospital and to the great happiness of the trustees.

Dr. B. Edwin Zawacki, Dr. Kenneth B. Crossfield and Dr. Ruth M. Thompson, were appointed assistant physicians during the year.

Respectfully submitted,

Mr. Walter L. Stevens, *Chairman*, Northampton.
Mrs. Emily N. Newton, *Secretary*, Wellesley Hills
Mr. Charles W. King, Chicopee Falls
Mr. Albert M. Darling, Sunderland
Mr. George C. Lunt, Greenfield
Miss Caroline A. Yale, Northampton
Dr. Laurence D. Chapin, Springfield
Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Northampton State Hospital:

I herewith submit my report for the year 1930.

Movement of Population.

Number of patients on our books, October 1, 1929, — 761 men, 918 women, making a total of 1,679 patients. During the year there were 526 admissions, — 264 men and 262 women, making a total of 2,205 patients who received treatment during the year. One hundred fifty-five men and 161 women, making a total of 316, were discharged to their relatives or transferred to other institutions. One hundred two men and 88 women died, making a total of 190 deaths during the year. This leaves 1,699 patients, 768 men and 931 women remaining on our books October 1, 1930. Of these, 691 men and 815 women, making a total of 1,506, were actively in the hospital, and 77 men and 116 women, making a total of 193 patients, were on a visit or otherwise absent.

Staff Changes.

There were no resignations from the medical staff during the year.

Dr. B. Edwin Zawacki, who graduated from Tufts Medical School in 1929, and had his interneship at the Mercy Hospital, Springfield, was appointed assistant physician and assumed his duties on June 9th.

Dr. Kendall B. Crossfield, who graduated from the Boston University School of Medicine in 1929, was appointed as assistant physician, having been an interne at the Worcester State Hospital.

On September 1, 1930, Dr. Ruth M. Thompson was appointed assistant physician. She graduated from the University of California Medical School in 1928 and her previous hospital experience was at the Hospital of the Women's Medical College of Pennsylvania and at the Worcester State Hospital.

During the past summer three third-year medical students served on the staff as clinical assistants.

Clinics and lectures have been given from time to time for the students in nearby colleges and the classes from Smith College School of Social Service again came to the hospital for their clinics during the summer as in the past.

Staff meetings have been held twice a week.

Our dentist has been occupied with routine dental work. 809 teeth were filled and 450 were extracted. A number oi plates were repaired and many patients had their gums treated.

Out-Patient Service.

Out-patient clinics continued to be held one day each month in Springfield, Greenfield, Pittsfield and North Adams. 178 patients who were absent from the hospital on visit reported at these clinics. Inquiries concerning 571 patients who were still in the hospital were made by their relatives. Seventy-seven were referred for advice by social agencies, 21 by physicians, 4 by schools, 14 by relatives, 14 by other institutions and 3 came of their own volition.

The physician to the out-patients department continued to give services once a week to the Juvenile Court in Springfield where 41 patients were examined. The physician to the out-patient department also conducted the school clinic and with the assistance of the psychologist examined retarded children in the schools of 6 towns. A total of 769 children were examined of which 570 were first examinations and 199 were re-examinations of children who were already in special classes or in whom the diagnosis was deferred. This makes a total of 1,689 individuals who were examined in our out-patient department. I would call attention to the steady increase from year to year of our extra-mural activities.

Social Service.

During the year 404 new cases were referred to the social service department. Of these 186 were males and 218 females. This number includes not only hospital patients but also children referred for histories for the school clinics. 107 of such histories were obtained. Ninety-nine histories were obtained on the hospital cases and 1,489 visits were made to the patients on visit or to the relatives of such patients.

There were no changes in the personnel of the department, — Miss Mary W. Killam, social worker, did this work with the assistance of Miss Rhoda L. Smith.

Occupational Therapy and Industrial Departments.

The value of occupational therapy in mental hospitals is universally recognized and every effort is made to extend the activities of this department.

In addition to its therapeutic value, while actively engaged in the occupational therapy classes, the patients are also enabled to enjoy the finished products such as draperies, pillows, table covers, baskets, etc., which are used to brighten up the wards. Among the articles thus made are the hemming of 6,544 towels and 1,780 pillow slips; 880 face cloths were crocheted and knitted; 20 raffia waste-baskets were made as well as 30 reed waste-baskets; 27 hooked burlap rugs and 7 hooked yarn rugs; also 43 fancy sofa cushions, 398 fancy bureau and stand covers, 37 curtains, 19 woven runners, 8 woven squares, 9 woven pillow tops.

Shoes soled were 368 pairs; 518 pairs heeled and 438 pairs patched. There were 581 mattresses made over, and 92 new ones made. Two hundred seventy-eight pillows were made over and 104 new ones made. Other articles manufactured were 741 new brooms, 431 new rugs, 179 jumpers, 379 pairs of overalls, 64 chair cushions, 156 pairs of bed socks, 193 men's shirts, 18 laundry baskets and 147 brushes of various kinds.

Assemblies of Patients.

During the year two religious services have been conducted each Sunday. Except for the summer months motion pictures, dances and concerts were held on two evenings of each week. During the summer months outdoor games and picnic parties were enjoyed. A baseball nine, consisting largely of patients, provided a form of entertainment which was greatly enjoyed by a large number of enthusiastic patients. The games were played between patients and employees, and also with other teams.

Repairs and Improvements

During the year additional wards were created in the South Infirmary building by the alteration of quarters previously occupied by nurses and attendants, thereby giving added facilities for caring for the increasing number of patients requiring treatment in bed. In the North Infirmary additional dormitory space was provided by the removal of partitions.

Special appropriations granted for this year are: $10,000 for recreational building; $75,000 for additional land; $8,000 for power equipment and $185,000 for a ward building.

Two employees' cottages have been generally repaired and freshly painted and one of them was also repapered. A drug room in the basement of the administration building has been renovated and equipped for carrying on pharmaceutical work. Electrical call bells were installed on all food elevators in the wards. A new exit has been provided from the South Infirmary stairway by replacing a window in the basement by a door.

The main gas line which formerly came through the meadow which was acquired by Smith College was discontinued and a new line was connected to the gas main on Prince Street.

During the spring we had an epidemic of diphtheria. Over a period of several months there were 35 cases reported as positive by laboratory tests, although only about half of these were actually clinical cases. The cases were confined almost wholly to the women's department although one male employee and one male patient were included in this number. Dr. Miner, the district health officer, was called in for consultation and advice at the beginning of the outbreak. It was decided to Schick test all patients and employees to determine their susceptibility. According to this test, about 58% of our population were immune. All patients and employees who gave positive reaction were immunized. The Schick testing was done by Dr. Forsbeck, formerly of the State Board of Health. No quarantine of the whole institution was necessary, although several of the women's wards where the outbreak started were quarantined.

During the summer our roads were treated with calcium chloride to keep down the dust. The roofs of our barns were painted with the word Northampton in chrome yellow in letters 12 feet high and arrows pointing North and to the nearest airport, as a guide to air pilots.

The standpipes in the A and B buildings were connected with the water main. The hydrant near the barns was connected with the fire pump. Inspection of our hydrants and fire-fighting equipment was made by our local fire chief. A fire alarm box was installed on the outside of the Administration building near the main entrance.

The iron fence surrounding the grounds was repainted.

A new microscope was installed in the laboratory. New sinks and other equipment were installed in the treatment rooms of the North and South Infirmaries.

Flag poles on the Administration building were painted.

A sprinkler annunciator and fire alarm switches have been relocated in the telephone office for easy access for the operators.

Drinking fountains have been installed in many of the wards.

Work was begun on the erection of the recreation building. It is to be of brick construction, containing bowling alleys, general assembly room for billiards, cards, etc. This is to replace the building which was destroyed by fire several years ago.

All steam fitting and plumbing has been kept in efficient repair and much old electric wiring was replaced with new.

Farm

On the whole, the yield from our farm and gardens was very satisfactory. We harvested the following: asparagus, 859 lbs.; string beans, 11,630 lbs.; dry beans, 900 lbs.; shell beans, 1,077 lbs.; beets, 58,463 lbs.; cabbage, 79,017 lbs.; carrots 46,757 lbs.; cauliflower, 1,649 lbs.; celery, 5,221 lbs.; Swiss chard, 3,982 lbs.; sweet corn, 36,969 lbs.; cucumbers, 7,717 lbs.; dandelion greens, 6,453 lbs.; onions, 63,791 lbs.; parsnips, 5,400 lbs.; peas, 1,417 lbs.; pumpkins, 3,035 lbs.; rhubarb, 11,259 lbs.; spinach, 11,156 lbs.; squash, 23,099 lbs.; tomatoes, 56,665 lbs.; turnips, 82,427 lbs.; strawberries, 4,928 lbs.

The total apple and other fruit products amounted to 149,331 lbs.

Poultry — At the beginning of the year there were 748 hens. 2,000 day-old chicks were purchased. Total on hand at the end of the year, 704. 3,008 pounds of fowl were used for food and 9,155 dozen eggs were produced.

The swine did very well and over 58,799 lbs. of pork were produced.

Dairy — The dairy herd consists of 99 head, including cows, heifers, calves and bulls. The total yield of milk was 413,617 quarts.

I wish to thank the many friends of the hospital who have so generously contributed books, magazines, candy, money, etc., for the benefit of the patients.

I wish also to express my appreciation and thanks to the various organizations which so generously gave of their time and talents to provide concerts, shows and minstrels for the entertainment of our patients. These events are always anticipated with great pleasure and are remembered for a long time.

To the officers and employees whose loyal and wholehearted co-operation made it possible to accomplish what we did during my first year's administration, I wish to express my most sincere gratitude.

With deep appreciation I hereby acknowledge my indebtedness to the Board of Trustees as a body and individually for their valued counsel and advice at all times.

Respectfully submitted,

THEODORE A. HOCH.
Superintendent.

VALUATION

November 30, 1930

Real Estate	
Land, 491.7 acres	$169,465.00
Buildings	1,694,642.51
	$1,864,107.51
Personal Property	
Travel, transportation and office expenses	$2,049.48
Food	12,353.48
Clothing and materials	21,018.49
Furnishings and household supplies	80,401.16
Medical and general care	2,450.44
Heat, light and power	11,190.48
Farm	51,900.01
Garage, stable and grounds	7,623.76
Repairs	15,919.08
	$204,906.38
Summary	
Real estate	$1,864,107.51
Personal property	204,906.38
	$2,069,013.89

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1930.

Cash Account

Receipts

Income		
Board of Patients		$113,702.15
Personal Services:		
Reimbursement from Board of Retirement		$156.23
Sales:		
Food	61.07	
Clothing and materials	126.90	
Medical and general care	47.50	
Farm:		
Cows and calves	341.41	
Waste	55.88	
Hides	19.20	
Sets and Tallow	1.79	
Ox yoke	3.00	
Bags and rubber	3.45	
Barrels	21.80	
Vegetables	12.80	
Garage, stable and grounds	14.00	
Repairs, ordinary	236.07	
Total sales		$944.87

Miscellaneous:		
Interest on bank balances	$653.55	
Rent	1,196.60	
Sundries — Land to Smith College	75,000.00	
		76,850.15
Total income		$191,653.40

MAINTENANCE

Balance from previous year, brought forward	$4,681.96
Appropriations, current year	511,800.00
Total	$516,481.96
Expenses (as analyzed below)	491,483.73
Balance reverting to Treasury of Commonwealth	$24,998.23

Analysis of Expenses

Personal services	$243,852.75
Religious Instruction	1,140.00
Travel, transportation and office expenses	6,571.29
Food	105,394.22
Clothing and Materials	9,829.24
Furnishings and household supplies	24,052.63
Medical and general care	12,926.13
Heat, light and power	35,374.44
Farm	23,956.60
Garage, stable and grounds	5,378.04
Repairs ordinary	14,269.36
Repairs and renewals	8,739.03
Total expenses for Maintenance	$491,483.73

SPECIAL APPROPRIATIONS

Balance December 1, 1929		$29,136.55
Appropriations for current year		278,500.00
Total		$307,636.55
Expended during the year (see statement below)	$16,830.47	
Reverting to Treasury of Commonwealth	18.54	
		16,849.01
Balance November 30, 1930, carried to next year		$290,787.54

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Furnishing Nurses' Home	Ch. 146 '29	$10,000.00	$6,391.40	$9,773.39	$226.61
Superintendent's House	Ch. 146 '29	22,500.00	49.79	49.79	22,450.21
Ward Building	Ch. 115 '30	185,000.00	45.53	45.53	184,954.47
Additional Land	Ch. 115 '30	75,000.00	10,343.75	10,343.75	64,656.25
Ward Building	Ch. 138 '27	182,000.00	–	181,981.46	18,54*
Recreation Pavilion	Ch. 115 '30	10,000.00	–	–	10,000.00
Power Equipment	Ch. 115 '30	8,500.00	–	–	8,500.00
		$493,000.00	$16,830.47	$202,193.92	$290,806.08

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	$18.54
Balance carried to next year	290,787.54
Total as above	$290,806.08

PER CAPITA

During the year the average number of inmates has been 1,507.3.
Total cost of maintenance, $491,483.73.
Equal to a weekly per capita cost of $6.2705.
Receipt from sales, $944.87.
Equal to a weekly per capita of $0.0119.
All other institution receipts, $190,708.53.
Equal to a weekly per capita of $2.4262.
Net weekly per capita $3.8253.

Respectfully submitted,
EVA L. GRAVES,
Treasurer.

STATISTICAL TABLES

As Adopted by the American Psychiatric Association
Prescribed by the Massachusetts Department of Mental Diseases

Table 1. *General Information*

Date correct at end of hospital year November 30, 1930

1. Data of *opening* as a hospital for mental diseases: August 16, 1858.
2. Type of hospital: State.
3. Hospital plant:
   Value of hospital property:

Real estate, including buildings	$1,864,107.51
Personal property	204,906.38
Total	$2,059,013.89

   Total acreage of hospital property: 491.7.
   Total acreage under cultivation during previous year: 212.
4. Officers and Employees: November 30, 1930.

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendent	1	–	1	–	–	–
Assistant physicians	4	4	8	–	–	–
Clinical assistants	–	–	–	2	1	3
Total physicians	5	4	9	2	1	3
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	6	6	–	3	3
Other nurses and attendants	75	72	147	1	8	9
Occupational therapists	1	3	4	–	–	–
Social workers	–	2	2	–	–	–
All other officers and employees	66	46	112	1	2	3
Total officers and employees	145	129	274	2	13	15

NOTE: — The following items, 5 to 9, inclusive, are for the year ended September 30, 1930.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
White:	M.	F.	T.	M.	F.	T.
Insane	659	780	1,439	71	113	184
Epileptics	1	–	1	–	–	–
Mental defectives	18	21	39	2	1	3
All other cases	7	10	17	4	2	6
Total	685	811	1,496	77	116	193
Other races:						
Insane	6	4	10	–	–	–
Total	6	4	10	–	–	–
Grand Total	691	815	1,506	77	116	193

	M.	F.	T.
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report	8	103	111
7. Other patients employed in general work of hospital on date of report	357	443	800
8. Average daily number of all patients actually in hospital during year	686.1	808.5	1,494.6
9. Voluntary patients admitted during year	–	1	1
10. Persons given advice or treatment in out-patient clinics during year	83	91	174

Table 2. *Financial Statement*

See treasurer's report for data requested under this table.

NOTE: — The following tables 3–19, inclusive, are for the Statistical year ended September 30, 1930.

TABLE 3. *Movement of Patient Population*

	Regular Court Commitment (Insane)			Voluntary			Temporary Care			Observation			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on books of Institution Sept. 30, 1929	749	915	1,664	4	–	4	–	–	–	8	3	11	761	918	1,679
2. Admissions during year:															
First Admissions	207	201	408	–	–	–	4	8	12	9	10	19	220	219	439
Readmissions	38	37	75	–	1	1	1	1	2	4	2	6	43	41	84
Transfers from other hospitals for mental diseases	1	2	3	–	–	–	–	–	–	–	–	–	1	2	3
3. Total received during year	246	240	486	–	1	1	5	9	14	13	12	25	264	262	526
4. Total on books during year	995	1,155	2,150	4	1	5	5	9	14	21	15	36	1,025	1,180	2,205
5. Discharged from books during year:															
As recovered	34	23	57	–	–	–	–	–	–	4	4	8	38	27	65
As improved	49	84	133	1	–	1	2	1	3	3	–	3	55	85	140
As unimproved	10	10	20	1	1	2	1	4	5	1	2	3	13	17	30
As without psychosis	5	5	10	–	–	–	1	1	2	2	2	4	8	8	16
Transferred to other hospitals for mental diseases	40	24	64	–	–	–	–	–	–	1	–	1	41	24	65
Died during year	98	85	183	–	–	–	1	2	3	3	1	4	102	88	190
6. Total discharged, transferred and died during year	236	231	467	2	1	3	5	8	13	14	9	23	257	249	506
7. Insane patients remaining on books of hospital at end of hospital year:															
In hospital	683	808	1,491	2	–	2	–	1	1	6	6	12	691	815	1,506
On parole or otherwise absent	76	116	192	–	–	–	–	–	–	1	–	1	77	116	193
Total	759	924	1,683	2	–	2	–	1	1	7	6	13	768	931	1,699

Table 4. *Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	131	126	257	71	68	61	69	64	53
Austria	1	4	5	7	6	6	6	7	6
Canada[1]	12	13	25	18	20	14	18	21	13
Czecho-Slovakia	–	1	1	–	–	–	1	–	1
Denmark	1	–	1	1	1	1	–	–	–
England	6	3	9	9	8	8	4	7	4
France	1	–	1	2	2	2	–	–	–
Germany	4	–	4	10	10	10	3	5	3
Greece	1	1	2	1	1	1	1	1	1
Hungary	–	1	1	–	–	–	1	1	1
Ireland	12	16	28	37	36	34	35	33	31
Italy	7	5	12	10	10	10	8	7	7
Philippine Islands	–	–	–	–	1	–	–	–	–
Poland	17	12	29	22	21	21	19	19	19
Russia	3	6	9	3	3	3	7	5	5
Scotland	1	4	5	1	2	1	7	6	4
Spain	1	–	1	1	1	1	–	–	–
Sweden	1	2	3	1	1	1	2	2	2
Switzerland	2	–	2	2	1	1	2	2	2
Other countries	4	6	10	6	6	6	6	6	6
Unascertained	2	1	3	5	9	5	12	15	11
Total	207	201	408	207	207	186	201	201	169

[1]Includes Newfoundland.

TABLE 4-a. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.*

Age Groups	Aggregate			Native Born															Foreign Born															Nativity unascertained		
				Total			Parentage												Total			Time in United States before Admission													
							Native			Foreign			Mixed			Unascertained						Under 5 years			5–9 years			10–14 years			15 years and over			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	7	11	18	7	7	14	3	1	4	2	4	6	2	2	4	–	–	–	–	4	4	–	–	–	–	–	–	–	–	–	–	4	4	–	–	–
20–24 years	17	10	27	16	6	22	5	–	5	9	1	10	2	3	5	–	2	2	1	4	5	–	–	–	–	–	–	–	–	–	1	4	5	–	–	–
25–29 years	18	13	31	16	8	24	9	2	11	7	5	12	–	1	1	–	–	–	2	5	7	–	–	–	–	–	–	–	–	–	2	5	7	–	–	–
30–34 years	18	20	38	13	15	28	6	8	14	4	3	7	2	4	6	1	–	1	5	5	10	–	–	–	–	–	–	–	–	–	5	4	9	–	1	1
35–39 years	26	25	51	14	15	29	7	5	12	4	5	9	3	5	8	–	–	–	12	10	22	–	–	–	–	–	–	–	–	–	12	10	22	–	–	–
40–44 years	13	15	28	6	9	15	2	4	6	2	1	3	2	4	6	–	–	–	7	6	13	–	–	–	–	–	–	–	–	–	7	6	13	–	–	–
45–49 years	14	21	35	8	12	20	5	6	11	3	3	6	–	3	3	–	–	–	6	9	15	–	–	–	–	–	–	–	–	–	6	9	15	–	–	–
50–54 years	16	14	30	11	7	18	5	2	7	4	3	7	1	1	2	1	1	2	5	7	12	–	–	–	–	–	–	–	–	–	4	7	11	–	–	–
55–59 years	12	13	25	7	7	14	3	2	5	3	5	8	1	–	1	–	–	–	5	6	11	–	–	–	–	–	–	–	–	–	5	6	11	–	–	–
60–64 years	14	18	32	6	14	20	2	9	11	4	2	6	–	1	1	–	2	2	8	4	12	–	–	–	–	–	–	–	–	–	8	4	12	–	–	–
65–69 years	14	13	27	6	7	13	2	3	5	1	3	4	3	1	4	–	–	–	8	6	14	–	–	–	–	–	–	–	–	–	8	6	14	–	–	–
70 years and over	38	28	66	21	19	40	12	10	22	5	3	8	3	3	6	1	3	4	17	9	26	–	–	–	–	–	–	–	–	–	16	9	25	–	–	–
Total	207	201	408	131	126	257	61	52	113	48	38	86	19	28	47	3	8	11	76	75	151	–	–	–	–	–	–	–	–	–	74	74	148	–	–	–	1	–	1	2	1	3

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	131	126	257
Citizens by naturalization	32	23	55
Aliens	34	39	73
Citizenship unascertained	10	13	23
Total	207	201	408

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				2	–	2
2. Senile psychoses				10	12	22
3. Psychoses with cerebral arteriosclerosis				26	26	52
4. General paralysis				16	8	24
5. Psychoses with cerebral syphilis				–	1	1
6. Psychoses with Huntington's chorea				–	2	2
7. Psychoses with brain tumor				1	1	2
8. Psychoses with other brain or nervous diseases, total				6	3	9
Cerebral embolism	1	–	1			
Multiple sclerosis	–	1	1			
Tabes dorsalis	1	1	2			
Other diseases	4	1	5			
9. Alcoholic psychoses, total				32	1	33
Korsakow's psychosis	1	–	1			
Acute hallucinosis	14	1	15			
Other types, acute or chronic	17	–	17			
10. Psychoses due to drugs and other exogenous toxins, total				1	7	8
Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined	1	2	3			
Other exogenous toxins	–	5	5			
11. Psychoses with pellagra				–	–	–
12. Psychoses with other somatic diseases, total				13	23	36
Delirium with infectious diseases	1	–	1			
Cardio-renal diseases	6	10	16			
Diseases of the ductless glands	1	1	2			
Other diseases or conditions	5	12	17			
13. Manic-depressive psychoses, total				17	21	38
Manic type	9	8	17			
Depressive type	8	8	16			
Other types	–	5	5			
14. Involution melancholia				12	8	20
15. Dementia praecox (schizophrenia)				50	55	105
16. Paranoia or paranoid conditions				1	–	1
17. Epileptic psychoses				–	1	1
18. Psychoneuroses and neuroses, total				–	–	–
19. Psychoses with psychopathic personality				–	–	–
20. Psychoses with mental deficiency				9	14	23
21. Undiagnosed psychoses				6	9	15
22. Without psychosis, total				5	9	14
Alcoholism without psychosis	4	2	6			
Mental deficiency without psychosis	1	7	8			
Total				207	201	408

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE.	Total			Traumatic			Senile			With cerebral arteriosclerosis			General paralysis			With cerebral syphilis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	1	2	3	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Armenian	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
English	34	46	80	–	–	–	2	6	8	5	8	13	2	2	4	–	–	–
French	22	18	40	–	–	–	1	2	3	2	3	5	4	1	5	–	–	–
German	11	8	19	–	–	–	1	1	2	–	–	–	1	1	2	–	–	–
Greek	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	3	3	6	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Irish	45	44	89	–	–	–	3	–	3	6	6	12	2	–	2	–	–	–
Italian [1]	11	7	18	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Lithuanian	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian [2]	2	2	4	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Scotch	2	8	10	–	–	–	–	1	1	1	1	2	–	–	–	–	–	–
Slavonic [3]	30	31	61	1	–	1	–	–	–	2	1	3	2	–	2	–	–	–
Spanish	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syrian	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specific races	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	37	18	55	–	–	–	2	1	3	8	4	12	3	3	6	–	–	–
Race unascertained	4	9	13	–	–	–	1	–	1	1	2	3	–	1	1	–	1	1
Total	207	201	408	2	–	2	10	12	22	26	26	52	16	8	24	–	1	1

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	With Huntington's chorea			With brain tumor			With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous toxins			With pellagra		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	1	1	2	1	3	1	–	1	–	1	1	–	–	–
French	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
German	–	–	–	1	–	1	–	–	–	2	–	2	1	–	1	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	–	–	–	–	–	–	1	–	1	7	–	7	–	4	4	–	–	–
Italian [1]	–	–	–	–	–	–	1	–	1	2	–	2	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Scandinavian [2]	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic [3]	–	2	2	–	–	–	–	1	1	11	1	12	–	1	1	–	–	–
Spanish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specific races	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	–	–	–	–	–	–	–	1	1	5	–	5	–	–	–	–	–	–
Race unascertained	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Total	–	2	2	1	1	2	6	3	9	32	1	33	1	7	8	–	–	–

[1] Includes "North" and "South".
[2] Norwegians, Danes and Swedes.
[3] Includes Bohemian, Bosnian, Croatian, Delmatian, Herzegovinian, Montengerin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	With other somatic diseases			Manic-depressive			Involution melancholia			Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	3	3	6	2	3	5	3	2	5	10	13	23	–	–	–	–	–	–
French	2	1	3	2	–	2	–	–	–	6	6	12	–	–	–	–	–	–
German	–	1	1	2	3	5	–	–	–	2	1	3	1	–	1	–	–	–
Greek	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Hebrew	–	–	–	–	1	1	–	–	–	2	1	3	–	–	–	–	–	–
Irish	3	6	9	4	8	12	6	3	9	11	13	24	–	–	–	–	–	–
Italian [1]	–	2	2	–	–	–	1	1	2	3	3	6	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian [2]	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Scotch	–	2	2	–	–	–	1	1	2	–	2	2	–	–	–	–	–	–
Slavonic [3]	1	3	4	2	3	5	–	–	–	7	13	20	–	–	–	–	–	–
Spanish	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Syrian	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
Other specific races	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	4	3	7	5	1	6	–	1	1	6	2	8	–	–	–	–	1	1
Race unascertained	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Total	13	23	36	17	21	38	12	8	20	50	55	105	1	–	1	–	1	1

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	–	–	–	2	3	5	1	2	3	1	1	2
French	–	–	–	–	–	–	2	2	4	1	1	2	1	2	3
German	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Irish	–	–	–	–	–	–	1	1	2	–	2	2	1	1	2
Italian [1]	–	–	–	–	–	–	–	1	1	2	–	2	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Scandinavian [2]	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Slavonic [3]	–	–	–	–	–	–	3	–	3	1	2	3	–	4	4
Spanish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specific races	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Mixed	–	–	–	–	–	–	1	1	2	1	–	1	2	–	2
Race unascertained	–	–	–	–	–	–	–	3	3	–	–	–	–	–	–
Total	–	–	–	–	–	–	9	14	23	6	9	15	5	9	14

[1]Includes "North" and "South".
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Delmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Pyschoses*

PSYCHOSES	Total			Under 15 years			15–19 years			20–24 years			25–29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	10	12	22	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	26	26	52	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	16	8	24	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	–	–	–	–	–	–	2	–	2	–	1	1
9. Alcoholic	32	1	33	–	–	–	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	1	7	8	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	13	23	36	–	–	–	–	–	–	2	2	4	–	1	1
13. Manic-depressive	17	21	38	–	–	–	3	2	5	3	–	3	–	1	1
14. Involution melancholia	12	8	20	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	50	55	105	–	–	–	3	5	8	7	4	11	14	8	22
16. Paranoia and paranoid conditions	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. Withpsychopathicpersonality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	9	14	23	–	–	–	1	2	3	3	2	5	1	1	2
21. Undiagnosed psychoses	6	9	15	–	–	–	–	–	–	–	–	–	1	1	2
22. Without psychosis	5	9	14	–	–	–	–	2	2	–	2	2	2	–	2
Total	207	201	408	–	–	–	7	11	18	17	10	27	18	13	31

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued

PSYCHOSES	30–34 years			35–39 years			40–44 years			45–49 years			50–54 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	1	1	1	2	3
4. General paralysis	1	–	1	4	1	5	4	1	5	5	2	7	1	–	1
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
7. With brain tumor	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1
8. With other brain or nervous diseases	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–
9. Alcoholic	2	1	3	9	–	9	5	–	5	3	–	3	3	–	3
10. Due to drugs and other exogenous toxins	–	1	1	–	1	1	1	–	1	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	3	3	–	1	1	1	4	5	–	1	1
13. Manic-depressive	1	2	3	4	6	10	1	3	4	2	3	5	2	2	4
14. Involution melancholia	–	–	–	–	–	–	–	–	–	1	1	2	3	1	4
15. Dementia praecox	12	10	22	5	9	14	1	5	6	1	6	7	2	5	7
16. Paranoia and paranoid conditions	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. Withpsychopathicpersonality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	2	3	5	1	2	3	–	2	2	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	1	–	1	–	2	2	–	2	2	1	1	2
22. Without psychosis	–	1	1	1	3	4	–	1	1	–	–	–	2	–	2
Total	18	20	38	26	25	51	13	15	28	14	21	35	16	14	30

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

Psychoses	55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	1	1	2	1	1	2	8	10	18
3. With cerebral arteriosclerosis	–	–	–	1	3	4	4	4	8	20	16	36
4. General paralysis	–	1	1	1	3	4	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	1	1	2	–	2	1	–	1	–	–	–
9. Alcoholic	6	–	6	–	–	–	3	–	3	1	–	1
10. Due to drugs and other exogenous toxins	–	2	2	–	–	–	–	1	1	–	2	2
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	2	4	6	–	4	4	1	3	4	7	–	7
13. Manic-depressive	–	1	1	–	–	–	1	1	2	–	–	–
14. Involution melancholia	2	1	3	3	4	7	2	1	3	1	–	1
15. Dementia praecox	1	2	3	3	1	4	1	–	1	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	1	1	1	1	2	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	2	1	3	–	2	2	1	–	1
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–
Total	12	13	25	14	18	32	14	13	27	38	28	66

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES	Total			Illiterate			Reads and writes*			Common School			High School			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	–	2	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	10	12	22	4	1	5	5	2	7	1	6	7	–	1	1	–	1	1	–	1	1
3. With cerebral arteriosclerosis	26	26	52	2	1	3	10	1	11	11	15	26	2	4	6	–	–	–	1	5	6
4. General paralysis	16	8	24	2	–	2	2	–	2	10	6	16	–	2	2	1	–	1	1	–	1
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
6. With Huntington's chorea	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	1	2	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	1	–	1	1	–	1	3	2	5	1	1	2	–	–	–	–	–	–
9. Alcoholic	32	1	33	6	–	6	10	–	10	7	1	8	4	–	4	2	–	2	3	–	3
10. Due to drugs and other exogenous toxins	1	7	8	–	–	–	–	–	–	1	4	5	–	1	1	–	–	–	–	2	2
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	13	23	36	2	5	7	1	2	3	6	11	17	2	3	5	–	–	–	2	2	4
13. Manic-depressive	17	21	38	1	1	2	2	3	5	10	12	22	4	3	7	–	1	1	–	1	1
14. Involution melancholia	12	8	20	1	1	2	1	–	1	7	5	12	3	1	4	–	–	–	–	1	1
15. Dementia praecox	50	55	105	2	4	6	8	3	11	26	28	54	12	16	28	2	2	4	–	2	2
16. Paranoia and paranoid conditions	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	9	14	23	2	1	3	4	5	9	3	7	10	–	1	1	–	–	–	–	–	–
21. Undiagnosed psychoses	6	9	15	3	1	4	2	1	3	1	6	7	–	–	–	–	–	–	–	1	1
22. Without psychosis	5	9	14	1	2	3	–	3	3	3	4	7	1	–	1	–	–	–	–	–	–
Total	207	201	408	28	17	45	47	21	68	90	109	199	30	34	64	5	4	9	7	16	23

*Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses.*

Psychoses	Total			Urban			Rural			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	–	2	2	–	2	–	–	–	–	–	–
2. Senile	10	12	22	10	12	22	–	–	–	–	–	–
3. With cerebral arteriosclerosis	26	26	52	22	25	47	4	1	5	–	–	–
4. General paralysis	16	8	24	16	7	23	–	1	1	–	–	–
5. With cerebral syphilis	–	1	1	–	–	–	–	1	1	–	–	–
6. With Huntington's chorea	–	2	2	–	2	2	–	–	–	–	–	–
7. With brain tumor	1	1	2	1	1	2	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	6	3	9	–	–	–	–	–	–
9. Alcoholic	32	1	33	31	1	32	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	1	7	8	1	7	8	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	13	23	36	13	22	35	–	1	1	–	–	–
13. Manic-depressive	17	21	38	14	20	34	3	1	4	–	–	–
14. Involution melancholia	12	8	20	10	6	16	2	2	4	–	–	–
15. Dementia praecox	50	55	105	46	49	95	3	6	9	1	–	1
16. Paranoia and paranoid conditions	1	–	1	1	–	1	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	1	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	9	14	23	7	11	18	2	3	5	–	–	–
21. Undiagnosed psychoses	6	9	15	5	9	14	1	–	1	–	–	–
22. Without psychosis	5	9	14	5	8	13	–	–	–	–	1	1
Total	207	201	408	190	184	374	16	16	32	1	1	2

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	–	2	–	–	–	1	–	1	1	–	1	–	–	–
2. Senile	10	12	22	3	6	9	5	2	7	1	3	4	1	1	2
3. With cerebral arteriosclerosis	26	26	52	6	7	13	9	11	20	9	4	13	2	4	6
4. General paralysis	16	8	24	2	1	3	9	7	16	4	–	4	1	–	1
5. With cerebral syphilis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
7. With brain tumor	1	1	2	–	–	–	–	–	–	1	1	2	–	–	–
8. With other brain or nervous diseases	6	3	9	1	1	2	3	2	5	2	–	2	–	–	–
9. Alcoholic	32	1	33	1	1	2	22	–	22	6	–	6	3	–	3
10. Due to drugs and other exog' toxins	1	7	8	–	2	2	–	–	–	1	4	5	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	13	23	36	1	4	5	6	13	19	4	4	8	2	2	4
13. Manic-depressive	17	21	38	1	3	4	9	15	24	6	2	8	1	1	2
14. Involution melancholia	12	8	20	–	2	2	6	6	12	5	–	5	1	–	1
15. Dementia praecox	50	55	105	–	8	8	39	36	75	10	9	19	1	2	3
16. Paranoia and paranoid conditions	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	9	14	23	2	7	9	6	6	12	1	1	2	–	–	–
21. Undiag'ed psychoses	6	9	15	–	2	2	5	5	10	1	1	2	–	1	1
22. Without psychosis	5	9	14	1	4	5	3	5	8	1	–	1	–	–	–
Total	207	201	408	18	49	67	124	111	235	53	29	82	12	12	24

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	–	2	–	–	–	1	–	1	1	–	1	–	–	–
2. Senile	10	12	22	7	10	17	2	–	2	1	1	2	–	1	1
3. With cerebral arteriosclerosis	26	26	52	10	21	31	12	3	15	2	1	3	2	1	3
4. With general paralysis	16	8	24	7	7	14	5	–	5	4	1	5	–	–	–
5. With cerebral syphilis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	1	2	1	1	2	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	1	2	3	5	1	6	–	–	–	–	–	–
9. Alcoholic	32	1	33	–	–	–	–	–	–	32	1	33	–	–	–
10. Due to drugs and other exogenous toxins	1	7	8	–	6	6	–	1	1	1	–	1	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	13	23	36	6	17	23	6	4	10	1	1	2	–	1	1
13. Manic-depressive	17	21	38	10	17	27	5	3	8	2	1	3	–	–	–
14. Involution melancholia	12	8	20	10	5	15	1	1	2	1	–	1	–	2	2
15. Dementia praecox	50	55	105	26	37	63	18	14	32	5	2	7	1	2	3
16. Paranoia and paranoid conditions	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psycho. personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	9	14	23	6	12	18	2	1	3	1	–	1	–	1	1
21. Undiagnosed psychoses	6	9	15	2	9	11	4	–	4	–	–	–	–	–	–
22. Without psychosis	5	9	14	1	6	7	–	1	1	4	2	6	–	–	–
Total	207	201	408	88	153	241	61	29	90	55	10	65	3	9	12

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Single			Married			Widowed			Divorced			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	–	2	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
2. Senile	10	12	22	3	1	4	3	–	3	4	11	15	–	–	–	–	–	–
3. With cerebral arteriosclerosis	26	26	52	5	2	7	13	7	20	6	17	23	2	–	2	–	–	–
4. General paralysis	16	8	24	2	1	3	13	5	18	1	1	2	–	1	1	–	–	–
5. With cerebral syphilis	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	3	9	3	2	5	3	–	3	–	1	1	–	–	–	–	–	–
9. Alcoholic	32	1	33	9	–	9	17	–	17	3	1	4	2	–	2	1	–	1
10. Due to drugs and other exogenous toxins	1	7	8	–	–	–	1	1	2	–	6	6	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	13	23	36	4	2	6	5	16	21	3	4	7	–	1	1	1	–	1
13. Manic-depressive	17	21	38	8	7	15	7	11	18	2	2	4	–	1	1	–	–	–
14. Involution melancholia	12	8	20	2	2	4	7	4	11	1	2	3	2	–	2	–	–	–
15. Dementia praecox	50	55	105	36	23	59	13	30	43	–	1	1	1	1	2	–	–	–
16. Paranoia and paranoid conditions	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	9	14	23	7	7	14	2	6	8	–	1	1	–	–	–	–	–	–
21. Undiagnosed psychoses	6	9	15	3	1	4	3	6	9	–	1	1	–	–	–	–	1	1
22. Without psychosis	5	9	14	3	5	8	2	4	6	–	–	–	–	–	–	–	–	–
Total	207	201	408	86	53	139	91	95	186	21	48	69	7	4	11	2	1	3

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total
1. Traumatic	–	–	–
2. Senile psychoses	–	–	–
3. Psychoses with cerebral arteriosclerosis	–	–	–
4. General paralysis	1	–	1
5. Psychoses with cerebral syphilis	–	–	–
6. Psychoses with Huntington's chorea	–	–	–
7. Psychoses with brain tumor	–	–	–
8. Psychoses with other brain or nervous diseases	–	–	–
9. Alcoholic psychoses	4	–	4
10. Psychoses due to drugs and other exogenous toxins	–	–	–
11. Psychoses with pellagra	–	–	–
12. Psychoses with other somatic diseases	3	–	3
13. Manic-depressive psychoses	10	15	25
14. Involution melancholia	1	4	5
15. Dementia praecox	17	12	29
16. Paranoia and paranoid conditions	–	–	–
17. Epileptic psychoses	–	2	2
18. Psychoneuroses and neuroses	–	–	–
19. Psychoses with psychopathic personality	–	–	–
20. Psychoses with mental deficiency	1	1	2
21. Undiagnosed psychoses	1	2	3
22. Without psychosis	–	1	1
Total	38	37	75

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	1	–	1	–	–	–	–	–	–
2. Senile	1	3	4	–	–	–	1	2	3	–	1	1
3. With cerebral arteriosclerosis	1	6	7	–	1	1	–	5	5	1	–	1
4. General paralysis	5	–	5	–	–	–	4	–	4	1	–	1
5. With cerebral syphilis	1	–	1	–	–	–	1	–	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	2	3	–	–	–	1	2	3	–	–	–
9. Alcoholic	23	4	27	21	2	23	2	2	4	–	–	–
10. Due to drugs and other exogenous toxins	–	2	2	–	1	1	–	1	1	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	2	8	10	1	3	4	1	5	6	–	–	–
13. Manic-depressive	18	39	57	9	15	24	7	20	27	2	4	6
14. Involution melancholia	5	5	10	–	–	–	5	5	10	–	–	–
15. Dementia praecox	33	37	70	1	–	1	27	32	59	5	5	10
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	3	3	–	–	–	–	3	3	–	–	–
18. Psychoneuroses and neuroses	–	4	4	–	1	1	–	3	3	–	–	–
19. With psychopathic personality	–	1	1	–	–	–	–	1	1	–	–	–
20. With mental deficiency	2	3	5	1	–	1	–	3	3	1	–	1
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	5	5	10	–	–	–	–	–	–	–	–	–
Total	98	122	220	34	23	57	49	84	133	10	10	20

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses*

CAUSES OF DEATH	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholic			Manic-depressive			Involution melancholia		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases																					
Erysipelas	2	1	3	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Lethargic encephalitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	1	7	8	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Syphilis (non-nervous forms)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General Diseases not Included in Class I																					
Cancer and other malignant tumors	7	11	18	–	3	3	–	1	1	–	–	–	2	1	3	1	1	2	–	–	–
Diabetes	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Alcoholism (acute or chronic)	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Diseases of the Nervous System																					
Meningitis (non-epidemic)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tabes dorsalis (locomotor ataxia)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage, apoplexy	10	23	33	–	1	1	5	12	17	–	1	1	1	–	1	–	2	2	–	1	1
General paralysis of the insane	18	2	20	–	–	–	–	–	–	17	2	19	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System																					
Endocarditis and myocarditis	23	23	46	1	7	8	8	6	14	–	–	–	3	–	3	2	2	4	1	1	2
Arteriosclerosis	12	5	17	–	1	1	9	1	10	–	–	–	–	–	–	1	–	1	–	–	–
Other diseases of the circulatory system	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System																					
Bronchopneumonia	3	5	8	–	3	3	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–
Lobar pneumonia	4	–	4	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
Other diseases of the respiratory system (tuberculosis excepted)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System																					
Ulcer of stomach and duodenum	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa																					
Nephritis	7	1	8	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1
Diseases of the Skin and of the Cellular Tissue																					
Gangrene	3	–	3	–	–	–	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–
External Causes																					
Suicide	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental traumatism	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	98	85	183	1	16	17	29	23	52	17	4	21	9	1	10	7	5	12	2	3	5

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses* — Concluded

CAUSES OF DEATH.	Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses			Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			*All other psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases																					
Erysipelas	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Lethargic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Tuberculosis of the respiratory system	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Syphilis (non-nervous forms)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
General Diseases not Included in Class I																					
Cancer and other malignant tumors	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	2	3	5
Diabetes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholism (acute or chronic)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System																					
Meningitis (non-epidemic)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Tabes dorsalis (locomotor ataxia)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Cerebral hemorrhage, apoplexy	3	4	7	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	1	2
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Diseases of the Circulatory System																					
Endocarditis and myocarditis	4	4	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	3	7
Arteriosclerosis	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3
Other diseases of the circulatory system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System																					
Bronchopneumonia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Lobar pneumonia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Other diseases of the respiratory system (tuberculosis excepted)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Diseases of the Digestive System																					
Ulcer of stomach and duodenum	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa																					
Nephritis	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	1	2
Diseases of the Skin and of the Cellular Tissue																					
Gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
External Causes																					
Suicide	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Accidental traumatism	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Total	14	16	30	–	–	–	–	1	1	–	–	–	1	–	1	3	2	5	15	14	29

*Includes group 22, "without psychosis."

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			Under 15 years			15–19 years			20–24 years			25–29 years			30–34 years			35–39 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	1	16	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	29	23	52	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	17	4	21	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	3	3	6	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–
9. Alcoholic	9	1	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	9	8	17	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
13. Manic-depressive	7	5	12	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
14. Involution melancholia	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	14	16	30	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	3	2	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
21. Undiagnosed psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	98	85	183	–	–	–	–	–	–	1	–	1	1	2	3	3	2	5	2	1	3

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses* — Concluded

Psychoses	40–44 years			45–49 years			50–54 years			55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	2	2	1	12	13
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	2	2	1	1	2	1	1	2	3	3	6	24	16	40
4. General paralysis	2	–	2	5	–	5	2	–	2	2	–	2	1	3	4	2	–	2	2	–	2
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	1	1	2	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
9. Alcoholic	1	–	1	2	–	2	2	–	2	–	–	–	–	–	–	2	–	2	2	1	3
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	1	1	1	1	2	2	1	3	1	1	2	1	1	2	3	2	5
13. Manic-depressive	–	–	–	1	–	1	–	3	3	–	–	–	–	–	–	3	–	3	1	2	3
14. Involution melancholia	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	2	2	1	1	2
15. Dementia praecox	–	1	1	–	2	2	4	2	6	2	2	4	2	1	3	2	1	3	3	6	9
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
20. With mental deficiency	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
21. Undiagnosed psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Total	4	3	7	9	4	13	10	9	19	8	4	12	8	9	17	15	9	24	37	42	79

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

Psychoses	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
2. Senile	1	16	17	–	–	–	–	3	3	1	3	4	–	–	–	–	4	4	–	5	5
3. With cerebral arteriosclerosis	29	23	52	3	3	6	9	4	13	5	6	11	4	3	7	8	2	10	–	3	3
4. General paralysis	17	4	21	1	1	2	1	1	2	1	–	1	3	–	3	8	2	10	2	–	2
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	3	3	6	1	1	2	2	–	2	–	–	–	–	–	–	–	1	1	–	–	–
9. Alcoholic	9	1	10	1	–	1	1	–	1	1	–	1	–	–	–	2	–	2	1	–	1
10. Due to drugs and other exogenous toxins	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	9	8	17	3	2	5	–	4	4	–	2	2	2	–	2	4	–	4	–	–	–
13 Manic-depressive	7	5	12	2	1	3	2	–	2	–	–	–	–	–	–	1	–	1	–	2	2
14. Involution melancholia	2	3	5	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	1	1	2
15. Dementia praecox	14	16	30	1	1	2	–	1	1	1	–	1	–	–	–	3	2	5	1	–	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	3	2	5	–	–	–	–	1	1	1	–	1	–	–	–	2	–	2	–	1	1
21. Undiagnosed psychoses	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Total	98	85	183	12	11	23	15	14	29	11	12	23	9	4	13	29	11	40	6	12	

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded

Psychoses	5–6 years			7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
9. Alcoholic	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13. Manic-depressive	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1
14. Involution melancholia	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	1	1	2	–	1	1	–	1	1	–	1	1	–	2	2	3	–	3	4	6	10
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	4	4	8	3	3	6	–	3	3	–	1	1	–	2	2	3	–	3	6	8	14

TABLE 19. *Family Care Department*

	Male	Female	Total
Remaining in Family Care October 1, 1929	–	7	7
On visit from Family Care October 1, 1929	–	–	–
Admitted during the year	–	–	–
Whole number of cases within the year	–	7	7
Dismissed within the year	–	1	1
Returned to institution	–	–	–
Discharged	–	1	1
On visit	–	–	–
Remaining in Family Care September 30, 1930	–	6	6
Supported by the State	–	3	3
Private	–	3	3
Self-supporting	–	–	–
Number of different persons within the year	–	7	7
Number of different persons dismissed	–	1	1
Number of different persons admitted	–	–	–
Average daily number in Family Care during the year	–	6.4	6.4
Supported by the State	–	3.4	3.4
Private	–	3	3
Self-supporting	–	–	–

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1931

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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GARDNER, MASS.

NORTHAMPTON STATE HOSPITAL

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Mrs. Emily N. Newton, *Secretary*, Wellesley Hills.
Laurence D. Chapin, M.D., Springfield.
Mr. Albert M. Darling, Sunderland.
Mr. Charles W. King, Chicopee Falls.
John C. O'Brien, M.D., Greenfield.
Miss Caroline A. Yale, Northampton.

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Theodore A. Hoch, M.D., *Superintendent.*
Edward W. Whitney, M.D., *Assistant Superintendent.*
Harriet W. Whitney, M.D., *Assistant Physician to Out-Patient and Social Service Departments*
Albert U. Bourcier, M.D., *Senior Physician.*
Elizabeth Kundert, M.D., *Senior Physician.*
Rhoda U. Musgrave, M.D., *Assistant Physician.*
B. Edwin Zawacki, M.D., *Assistant Physician.*
Ruth M. Thompson, M.D., *Assistant Physician.*
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Frank W. Smith, *Steward.*

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Lee W. Sinclair, *Chief Engineer.*
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Alice E. Bedell, R.N., *Superintendent of Nurses.*
M. Adelaide Putnam, *Psychiatric Social Worker.*
Pearl E. Beaton, *Head Occupational Therapist.*

TRUSTEES' REPORT

To His Excellency the Governor of the Commonwealth and the Honorable Council:

The Trustees of the Northampton State Hospital have the honor to present herewith their report for the year ending November 30th, 1931.

The daily average number of patients was 1,546.6, as compared with 1,494.6 the previous year. The net weekly cost of maintenance was $6.0542 per capita.

The activities of the various departments are given in detail in the superintendent's report.

From a study of the statistical tables a steady increase in our population will be observed which is taxing our housing facilities for patients to a marked degree. However, we are glad to report that as a result of an appropriation by the Legislature an additional building is now in process of erection which when completed will accommodate one hundred and fifty more patients and will thereby relieve the congestion in the main group. This building will be modern in every respect and will be a valuable addition to the institution. It is also gratifying to report that money has been appropriated for the rebuilding of the recreation pavilion which was destroyed by fire a few years ago. Construction is now in progress and when completed it will provide a form of diversion for the patients which will be of distinct therapeutic value. Its completion is being looked forward to not only by the patients who will benefit thereby but also by the employees who will have the use of it for a part of the time as a club house.

The male attendants' home, which is designed to provide for living accommodations for a hundred attendants, is also in process of construction. This project is much needed inasmuch as the housing facilities for our increasing staff of employees are at present very inadequate.

The past year has been an active one in the maintenance departments. Much work has been done in replastering and painting, as well as in carpentering and

plumbing. The engineering and electrical departments particularly have been engaged in preparatory work for the changing over of our electrical system from direct to alternating current which involved the installation of transformers, replacement of large numbers of power motors, the laying of conduits and electrical wiring.

We have been fortunate in not having any vacancies on the medical staff during the past year. With the steadily increasing number of patients and the growth of our out-patient activities, a full quota of physicians is very essential.

Respectfully submitted,

Mr. Walter L. Stevens, *Chairman*
Mrs. Emily N. Newton, *Secretary*,
Dr. Laurence D. Chapin
Mr. Albert M. Darling
Mr. Charles W. King,
Dr. John C. O'Brien,
Miss Caroline A. Yale
Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I herewith submit my report for the year 1931.

Movement of Population

Number of patients on our books October 1, 1930 was 1,699. There were admitted during the year 519 patients, making a total of 2,218 under care and treatment during the year. There were discharged to their relatives or transferred to other institutions 285, and there were 141 deaths, leaving 1,792 on our books September 30th, 1931, of which 1,607 were in the hospital and 185 on visit or otherwise absent.

Medical Activities

There were no changes on our medical staff during the past year.

During the summer, clinics were held for the Smith College School of Social Service and from time to time during the year classes from nearby colleges have come to the hospital for clinics and lectures on hospital economics and abnormal psychology.

The dentist reports that during the year there were 907 fillings and 775 extractions of teeth. Eight new plates were made and 39 repaired. Tartar was removed from the teeth of 487 patients and 920 patients had their teeth cleaned. In addition to this, 183 patients had treatment of the gums.

In addition to his routine work, the pharmacist has been provided with laboratory facilities, enabling him to serve the hospital in this field to better advantage.

The Out-Patient Service

Out-patient clinics continue to be held once every month in Springfield, North Adams, Greenfield and Pittsfield. One hundred and thirty-nine patients, who were away from the hospital on a visit, reported at these clinics; inquiries concerning 499 patients were made by the relatives or friends. Eighty-five patients were referred for advice by social agencies, 30 by physicians, 22 by other institutions, 41 by relatives, 4 by schools, 45 by the Springfield District Court and 4 came of their own volition, making a total of 869.

The school clinic, which is conducted by a phychiatrist and a psychologist, examined retarded children in the schools of 22 towns. Of the 523 children who were examined, 315 were first examinations and 208 were re-examinations of children who were already in special classes or in whom diagnosis had been deferred at previous examinations. In addition to this, 20 court cases were examined in other cities and towns in the hospital district. This makes a total of 1,412 individuals whose cases were handled by the out-patient department.

Social Service Department

Miss Mary W. Killam, who had charge of the Social Service Department, resigned in August to accept a position at the Metropolitan State Hospital. Miss Adelaide Putnam was appointed to succeed her, in September. Four hundred and four new cases were referred to the social service department; 136 of these were men and 218 were women. These included not only hospital patients but also children referred for histories for the school clinics. One hundred and seven such histories were obtained; 99 histories were obtained on patients who are in the hospital and 1,489 visits were made to or regarding patients on visit.

Child Guidance Clinics

In the spring, two child guidance clinics were opened, — one in Northampton and one in Holyoke. Through the Division of Mental Hygiene of the State Department of Mental Diseases, Dr. Harvey Spencer organized the clinics and has continued to act as psychiatrist. It is expected that very soon the work of the psychiatrist will be taken over by the hospital staff. Smith College furnishes the psychologist for the Northampton clinic and Mt. Holyoke College for the Holyoke clinic while the social worker for both clinics is from the staff of the hospital. Clinics have been held once a week and it is gratifying to note that the children who have been referred to these clinics are every-day children presenting every-day problems for which the clinics are intended. The problems for which children have been referred are poor school adjustment, thumb-sucking, disobedience, stealing, food capriciousness, stammering, etc. The clinic in Northampton is held in bright and cheery rooms opened to us by the People's Institute. At Holyoke, the clinic is conducted at the Skinner Clinic of the Holyoke Hospital.

Occupational Therapy and Industrial Departments

Miss Vera Mathieu, head occupational therapist, left the service in May and Miss Pearl E. Beaton was appointed in October to succeed her. Miss A. Elizabeth Baldwin also entered the service as occupational therapist in July.

There are now three classes in occupational therapy for the women, — one in the main building in the occupational therapy class room, one in the South Infirmary and one in the B Building. This service has also been extended to certain wards from which patients are unable to attend the other classes.

Particularly, among other things, the following articles were made in the occupational therapy and industrial departments:— 7,916 towels were hemmed; 3,149 pillow slips were made; 3,394 sacks were hemmed. Other things made were as follows: 594 face cloths, 412 stand covers, 62 woven runners, 80 curtains, 53 doilies, 36 pillows, 31 hooked rugs, 41 reed baskets, 24 raffia baskets, 6 braid weave rugs, 5 sweaters, 10 reed mats, 9 door stops and numerous other small articles.

Activities of the male industrial department are as follows: 314 prs. of shoes were soled and 449 prs. heeled; 392 shoes were patched; 533 old mattresses made over; 194 new mattresses were made; 257 old pillows made over; 719 brooms were made. Other manufactured articles included 321 rag rugs, 394 prs. of overalls; 129 jumpers; 265 men's shirts; 234 prs. bed socks; 263 scrub brushes; 36 floor brushes; 48 canvas mattresses; 24 chair cushions; 10 hydro pillows and 10 hydro mattresses. New tin ware manufactured included 83 tin cups, 36 coffee pails, 24 galvanized iron pails, 36 milk cans, 36 dust pans, 50 large dippers, 18 coal hods, 36 iron pails, 2 bread boxes, etc. Tin ware repaired included 556 coffee pails, 183 galvanized iron pails, 137 milk pails, 189 milk cans, 103 dish pans, 278 soup pans and numerous other smaller articles.

Assemblies of Patients

As usual there have been religious services every Sunday and during the week entertainments consisting of motion pictures, dances, parties, concerts, minstrels and plays, many of the programs having been provided for the pleasure of the patients by local organizations. During the summer months ball games between patients and attendants and between patients and visiting ball teams have provided a source of great pleasure and interest to the patients. There are on an average two ball games each week which are attended by from 400 to 500 patients.

Picnic parties and other outdoor activities have also been much enjoyed by the patients. The installation of new radios on a number of the wards has also brought a great deal of pleasure to the patients.

Farm

The dairy is in very good condition. The average milk production was 15,333 lbs., or a total of 662,399 lbs., — much higher than in any previous year. More calves have been raised which will allow of a closer culling of lower producing cows. The future of the herd looks very promising, numbering 109 at the present

time, including bulls, cows, heifers, and calves under a year old.

The swine herd is also in splendid condition. The year's production of pork was 80,316 lbs., which is much in excess of any previous year. The young shoats in the herd should yield an even greater production next year.

The poultry department also made a creditable showing, yielding 8,538 doz. eggs and 6,195 lbs. of dressed poultry. At the end of the year there were 748 hens.

With the purchase of two new prs. of horses, the stable is also in very good condition. The farm as a whole shows some improvement with each succeeding year. Last fall was an exceptional time for removing stone and ditching. Some 300 loads of stone were drawn to the crusher from the several fields. Five thousand feet of land tile were laid in the fall and this should greatly help the land thus drained.

The silage and hay crops were very good, both exceeding the yields of the previous year. The total hay crop was 292 tons and the silage 420 tons. As has been the general experience this has not been a good year for fruit. The harvest of apples was comparatively small. The farm is too small for a satisfactory rotation of crops and additional farm land is much needed and desired.

The following tonnage was harvested in the more general crops: — string beans, 11,006 lbs.; shell beans, 1,971 lbs.; beets, 30,772 lbs.; cabbage, 46,620 lbs.; carrots, 32,913 lbs.; celery, 1,830 lbs.; sweet corn, 26,450 lbs.; dandelions, 6,163 lbs.; onions, 35,394 lbs.; parsnips, 8,758 lbs.; peas, 1,353 lbs.; pumpkins, 4,864 lbs.; spinach, 9,281 lbs.; squash, 3,599 lbs.; tomatoes, 51,283 lbs.; turnips, 44,406 lbs.; strawberries, 2,917 lbs.

In the engineer's department the usual necessary repairs to the engines and boilers were made. A new steam line was laid from the North Infirmary to the Club House, where a new steam heating system was installed. Hot water controllers were installed in the Third Halls South, and the North Infirmary; additional drinking fountains were placed on some of the wards. New surgical sinks were installed in the treatment rooms of the North and South Infirmary.

In connection with the changing over of our current from direct to an alternating system, much electrical work was necessary, including new cables, and wiring and replacing the old direct current motors with alternating current motors.

Among the larger repairs during the year were repairs to the stone crusher, replastering and painting the North attendants' home; replacing worn-out kitchen equipment with new; repairing roofs and removing old gutters.

A salvage yard has been opened near the ice house which we hope will be of distinct advantage to the hospital.

The C Building is nearing completion and when ready will accommodate 150 male patients. This will relieve to some extent the over-crowding in the male group. Steady progress is also being made in re-building the Recreation Pavilion and when this is finished in the near future it will be used as a club house for patients and also for employees. Its location and its appointments will make it admirably adapted for this purpose.

This year again the hospital has received for its patients many gifts donated for their pleasure, such as victrolas, books, magazines, candy, fruit and money. In behalf of the patients I wish to thank the numerous friends of the hospital for these gifts.

I wish also to express my thanks and appreciation to the various clubs and organizations in our vicinity who have so generously provided us with musical programs and entertainments during the year.

I wish also to express my sincere appreciation for the loyalty and co-operation of all officers and employees who have at all times shown the true spirit of service towards those committed to our care.

For the support and encouragement so whole-heartedly given me by the Trustees, and for their valued advice, I am deeply grateful.

Respectfully submitted,

THEODORE A. HOCH,

Superintendent.

VALUATION

November 30, 1931

REAL ESTATE

Land, 492.2 acres	$ 169,865.00
Buildings	1,887.502.65
	$2,057,367.65

PERSONAL PROPERTY

Travel, transportation and office expenses	$ 2,303.26
Food	11,953.78
Clothing and materials	19,759.16
Furnishings and household supplies	76,633.66
Medical and general care	1,971.81
Heat, light and power	7,777.67
Farm	53,390.43
Grounds	4,374.20
Repairs	18,857.10
	$197,021.07

SUMMARY

Real estate	$2,057,367.65
Personal property	197,021.07
	$2,254,388.72

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1931.

CASH ACCOUNT

Receipts

Income		
Board of Patients		$118,966.20
Personal Services:		
Reimbursement from Board of Retirement		169.39
Sales:		
Food	$67.66	
Clothing and materials	78.96	
Medical and general care	445.42	
Farm:		
Cows and calves	167.09	
Pigs and hogs	26.00	
Hides	71.91	
Sets and tallow	6.14	
Bags and rubber	22.70	
Barrels and drums	37.60	
Iron	11.94	
Wood	3.00	
Sundries, wagon	5.00	
Garage, stable and grounds	3.25	
Repairs, ordinary	46.70	
Total sales		993.37
Miscellaneous:		
Interest on bank balances	$505.97	
Rent	1,502.54	
Sundries		2,008.51
Total income		$122,137.47

MAINTENANCE

Balance from previous year, brought forward	$10,425.11
Appropriations, current year:	524,900.00
	$535,325.11
Transferred to Special Appropriation, Power Equipment	2,500.00
Total	$532,825.11
Expenses (as analyzed below)	492,349.50
Balance reverting to Treasury of Commonwealth	$40,475.61

Analysis of Expenses

Personal services	$264,086.04
Religious instruction	1,220.00
Travel, transportation and office expenses	5,835.68
Food	85,565.41
Clothing and materials	8,536.13
Furnishings and household supplies	26,054.59
Medical and general care	12,665.45
Heat, light and power	32,106.88
Farm	27,827.18
Garage, stable and grounds	4,681.46
Repairs ordinary	14,228.91
Repairs and renewals	9,541.77
Total expenses for Maintenance	$492,349.50

SPECIAL APPROPRIATIONS

Balance December 1, 1930		$290,787.54
Appropriations for current year		175,100.00
Total		$465,887.54
Expended during the year (see statement below)	$241,415.25	
Reverting to Treasury of Commonwealth	22,455.83	
		263,871.08
Balance November 30, 1931, carried to next year		$202,016.46

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Furnishing Nurses' Home	Ch. 146 '29	$10,000.00	$220.99	$9,994.38	$5.62*
Superintendent's House	Ch. 146 '29	22,500.00		49.79	22,450.21*
Power Equipment	Ch. 115 '30	11,000.00	10,861.50	10,861.50	138.50
Ward Building C	Ch. 115 '30	185,000.00	172,387.75	172,433.28	12,566.72
Additional Land	Ch. 115 '30	75,000.00	5,140.68	15,484.43	59,515.57
Recreation Pavilion	Ch. 115 '30	10,000.00	7,040.60	7,040.60	2,959.40
Male Nurses' Home	Ch. 245 '31	150,000.00	38,454.38	38,454.38	111,545.62
Purchase of X-ray Equipment	Ch. 245 '31	5,100.00			5,100.00
Furnishing Ward C	Ch. 245 '31	17,500.00	7,309.35	7,309.35	10,190.65
		$486,100.00	$241,415.25	$261,627.71	$224,472.29

Balance reverting to Treasury of the Commonwealth during year (mark item with*)	$22,455.83
Balance carried to next year	202,016.46
Total as above	$224,472.29

PER CAPITA

During the year the average number of inmates has been 1,563.9.
Total cost of maintenance, $492,349.50.
Equal to a weekly per capita cost of $6.0542.
Receipt from sales, $993.37.
Equal to a weekly per capita of $0.0122.
All other institution receipts, $121,144.10.
Equal to a weekly per capita of $1.4896.
Net weekly per capita $4.5524.

Respectfully submitted,

EVA L. GRAVES,

Treasurer.

STATISTICAL TABLES

As Adopted by the American Psychiatric Association
Prescribed by the Massachusetts Department of Mental Diseases

TABLE 1. *General Information*

Data correct at end of hospital year November 30, 1931

1. Date of *opening* as a hospital for mental diseases: August 16, 1858.
2. Type of hospital: State.
3. Hospital plant:
   Value of hospital property:

Real estate, including buildings	$2,057,367.65
Personal property	197,021.07
Total	$2,254,388.72

   Total acreage of hospital property: 492.2.
   Total acreage under cultivation during previous year: 212 .
4. Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	–	1	–	–	–
Assistant physicians	4	4	8	–	–	–
Clinical assistants	–	–	–	2	1	3
Total physicians	5	4	9	2	1	3
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	9	9	–	–	–
Other nurses and attendants	76	73	149	1	10	11
Occupational therapists	1	3	4	–	–	–
Social workers	–	2	2	–	–	–
All other officers and employees	66	43	109	2	2	4
Total officers and employees	151	134	285	5	13	18

NOTE: — The following items, 5–10, inclusive, are for the year ended September 30, 1931.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
White:						
Insane	703	851	1,554	56	117	173
Mental defectives	22	19	41	3	4	7
All other cases	–	–	–	4	–	4
Total	725	870	1,595	63	121	184
Other Races:						
Insane	9	3	12	1	–	1
Total	9	3	12	1	–	1
Grand Total	734	873	1,607	64	121	185

September 30, 1931	Males	Females	Total
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report	9	86	95
7. Other patients employed in general work of hospital on date of report	247	452	699
8. Average daily number of all patients actually in hospital during year	700.5	846.1	1,546.6
9. Voluntary patients admitted during year	2	–	2
10. Persons given advice or treatment in out-patient clinics during year	326	563	889

TABLE 2. *Financial Statement*

See treasurer's report for data requested under this table.

NOTE: — The following tables 3–19, inclusive, are for the Statistical year ended September 30, 1931.

TABLE 3. *Movement of Patient Population*

	Regular Court Commitment (Insane)			Voluntary			Temporary Care			Observation			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of Institution Sept. 30, 1930	758	923	1,681	2	–	2	–	1	1	8	7	15	768	931	1,699
Admissions during year:															
First admissions	182	173	355	1	1	2	11	5	16	18	16	34	212	195	407
Readmissions	48	55	103	–	–	–	2	–	2	1	–	1	51	55	106
Transfers from other hospitals for mental diseases	1	5	6	–	–	–	–	–	–	–	–	–	1	5	6
Total received during year	231	233	464	1	1	2	13	5	18	19	16	35	264	255	519
Total on books during year	989	1,156	2,145	3	1	4	13	6	19	27	23	50	1,032	1,186	2,218
Discharged from books during year:															
As recovered	30	21	51	1	–	1	3	1	4	5	3	8	39	25	64
As improved	45	70	115	–	–	–	1	2	3	3	1	4	49	73	122
As unimproved	7	7	14	–	1	1	1	2	3	2	1	3	10	11	21
As without psychosis	3	3	6	–	–	–	4	1	5	6	6	12	13	10	23
Transferred to other hospitals for mental diseases	35	20	55	–	–	–	–	–	–	–	–	–	35	20	55
Died during year	80	51	131	–	–	–	4	–	4	4	2	6	88	53	141
Total discharged, transferred and died during year	200	172	372	1	1	2	13	6	19	20	13	33	234	192	426
Insane patients remaining on books of hospital at end of hospital year:															
In hospital	726	863	1,589	2	–	2	–	–	–	6	10	16	734	873	1,607
On parole or otherwise absent	63	121	184	–	–	–	–	–	–	1	–	1	64	121	185
Total	789	984	1,773	2	–	2	–	–	–	7	10	17	798	994	1,792

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	118	115	233	63	62	54	59	62	47
Austria	1	4	5	3	3	3	5	5	5
Canada[1]	13	8	21	27	25	21	21	19	16
Denmark	–	1	1	–	–	–	1	1	1
England	3	8	11	5	6	4	14	13	10
Finland	–	–	–	–	1	–	–	–	–
France	3	–	3	4	4	4	–	–	–
Germany	1	2	3	5	4	4	5	7	4
Hungary	–	1	1	–	–	–	1	1	1
Ireland	12	12	24	25	27	23	31	29	24
Italy	10	5	15	14	14	14	7	7	7
Norway	1	–	1	–	–	–	–	–	–
Philippine Islands	–	–	–	–	–	–	1	–	–
Poland	13	11	24	17	17	17	13	15	13
Russia	2	2	4	4	5	4	4	2	2
Scotland	2	–	2	3	3	3	1	–	–
Sweden	–	–	–	1	1	1	2	2	2
Switzerland	–	1	1	–	–	–	1	1	1
Other countries	2	–	2	2	2	2	–	–	–
Unascertained	1	3	4	9	8	8	7	9	5
Total	182	173	355	182	182	162	173	173	138

[1]Includes Newfoundland.

TABLE 4-A. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.*

Age Groups	Aggregate			Native Born															Foreign Born															Nativity unascertained		
				Total			Parentage												Total			Time in United States before Admission													
							Native			Foreign			Mixed			Unascertained						Under 5 years			5–9 years			10–14 years			15 years and over					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	10	6	16	10	5	15	2	2	4	3	2	5	5	1	6	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
20–24 years	14	12	26	13	10	23	4	4	8	5	2	7	4	4	8	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–
25–29 years	14	14	28	14	10	24	5	3	8	6	4	10	2	3	5	1	–	1	–	3	3	–	–	–	–	–	–	–	–	–	–	3	3	–	1	1
30–34 years	18	19	37	13	13	26	5	6	11	6	2	8	2	5	7	–	–	–	4	6	10	–	–	–	–	–	–	–	–	–	4	6	10	1	–	1
35–39 years	23	20	43	16	13	29	10	4	14	5	4	9	1	5	6	–	–	–	7	7	14	–	–	–	–	–	–	–	–	–	7	7	14	–	–	–
40–44 years	16	12	28	8	6	14	2	2	4	2	1	3	2	2	4	2	1	3	8	6	14	–	–	–	–	–	–	–	–	–	8	6	14	–	–	–
45–49 years	9	12	21	3	10	13	1	7	8	1	1	2	–	2	2	1	–	1	6	2	8	–	–	–	–	–	–	–	–	–	6	2	8	–	–	–
50–54 years	16	20	36	10	14	24	5	7	12	1	3	4	2	4	6	2	–	2	6	5	11	–	–	–	–	–	–	–	–	–	6	5	11	–	1	1
55–59 years	10	11	21	6	8	14	2	3	5	3	3	6	1	2	3	–	–	–	4	3	7	–	–	–	–	–	–	–	–	–	4	3	7	–	–	–
60–64 years	12	14	26	6	9	15	2	3	5	2	4	6	1	2	3	1	–	1	6	5	11	–	–	–	–	–	–	–	–	–	6	5	11	–	–	–
65–69 years	12	9	21	4	5	9	3	2	5	1	2	3	–	1	1	–	–	–	8	3	11	–	–	–	–	–	–	–	–	–	8	3	11	–	1	1
70 years and over	28	24	52	15	12	27	13	4	17	1	3	4	–	3	3	1	2	3	13	12	25	–	–	–	–	–	–	–	–	–	13	12	25	–	–	–
Unascertained	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	182	173	355	118	115	233	54	47	101	36	31	67	20	34	54	8	3	11	63	55	118	–	–	–	–	–	–	–	–	–	63	55	118	1	3	4

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	118	115	233
Citizens by naturalization	29	22	51
Aliens	34	27	61
Citizenship unascertained	1	9	10
Total	182	173	355

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				–	–	–
2. Senile psychoses				5	22	27
3. Psychoses with cerebral arteriosclerosis				29	14	43
4. General paralysis				11	4	15
5. Psychoses with cerebral syphilis				–	–	–
6. Psychoses with Huntington's chorea				–	–	–
7. Psychoses with brain tumor				–	–	–
8. Psychoses with other brain or nervous diseases, total*				4	4	8
Multiple sclerosis	1	–	1			
Tabes dorsalis	1	–	1			
Other diseases	2	4	6			
9. Alcoholic psychoses, total				33	7	40
Delirium tremens	2	–	2			
Korsakow's psychosis	2	3	5			
Acute hallucinosis	24	2	26			
Other types, acute or chronic	5	2	7			
10. Psychoses due to drugs and other exogenous toxins, total				1	3	4
Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined	–	3	3			
Other exogenous toxins	1	–	1			
11. Psychoses with pellagra				–	1	1
12. Psychoses with other somatic diseases, total				8	14	22
Exhaustion delirium	–	1	1			
Cardio-renal diseases	5	6	11			
Diseases of the ductless glands	1	2	3			
Other diseases or conditions	2	5	7			
13. Manic-depressive psychoses, total				17	20	37
Manic type	10	6	16			
Depressive type	6	8	14			
Other types	1	6	7			
14. Involution melancholia				8	10	18
15. Dementia praecox (schizophrenia)				54	55	109
16. Paranoia and paranoid conditions				–	–	–
17. Epileptic psychoses				1	1	2
18. Psychoneuroses and neuroses, total				–	–	–
19. Psychoses with psychopathic personality				–	–	–
20. Psychoses with mental deficiency				5	12	17
21. Undiagnosed psychoses				3	–	3
22. Without psychosis, total				3	6	9
Mental deficiency without psychosis	1	5	6			
Others	2	1	3			
Total				182	173	355

TABLE 7. *Race of First Admissions Classified with Reference to principal Psychoses*

Race	Total			Senile			With cerebral arterio-sclerosis			General paralysis			With other brain or nervous diseases		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	4	1	5	–	–	–	–	–	–	1	–	1	–	–	–
Dutch and Flemish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	34	43	77	1	7	8	10	2	12	3	2	5	1	1	2
French	30	20	50	–	2	2	6	–	6	–	1	1	–	2	2
German	6	6	12	–	2	2	1	–	1	–	–	–	–	–	–
Hebrew	2	4	6	–	1	1	–	–	–	–	–	–	1	–	1
Irish	40	35	75	3	5	8	4	6	10	1	–	1	–	–	–
Italian[1]	14	7	21	–	1	1	2	1	3	–	–	–	–	–	–
Lithuanian	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Magyar	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	3	5	8	–	–	–	1	1	2	1	1	2	–	–	–
Slavonic[3]	24	20	44	–	1	1	2	1	3	3	–	3	–	–	–
Mixed	16	14	30	–	1	1	1	1	2	–	–	–	2	1	3
Race unascertained	7	12	19	1	2	3	2	2	4	1	–	1	–	–	–
Total	182	173	355	5	22	27	29	14	43	11	4	15	4	4	8

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

Race	Alcoholic			Due to drugs and other exogenous toxins			With pellagra			With other somatic diseases			Manic-depressive			Involution melancholia		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	1	2	3	–	–	–	–	1	1	1	4	5	5	9	14	4	1	5
French	7	1	8	–	–	–	–	–	–	1	1	2	4	1	5	–	–	–
German	1	–	1	–	–	–	–	–	–	–	2	2	1	1	2	1	–	1
Hebrew	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–
Irish	9	3	12	–	1	1	–	–	–	2	3	5	1	6	7	1	6	7
Italian[1]	–	1	1	1	–	1	–	–	–	2	–	2	2	–	2	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	8	–	8	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–
Mixed	5	–	5	–	1	1	–	–	–	1	–	1	1	1	2	1	2	3
Race unascertained	–	–	–	–	–	–	–	–	–	–	2	2	–	1	1	1	1	2
Total	33	7	40	1	3	4	–	1	1	8	14	22	17	20	37	8	10	18

[1] Includes "North" and "South."
[2] Norwegians, Danes and Swedes.
[3] Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Dementia praecox			Epileptic psychoses			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	6	11	17	–	–	–	–	2	2	2	–	2	–	1	1
French	9	7	16	1	–	1	1	4	5	–	–	–	1	1	2
German	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Irish	16	4	20	–	–	–	1	1	2	1	–	1	1	–	1
Italian[1]	4	3	7	–	–	–	3	1	4	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	1	2	3	–	–	–	–	–	–	–	–	–	–	1	1
Slavonic[3]	9	14	23	–	–	–	–	2	2	–	–	–	–	1	1
Mixed	4	4	8	–	–	–	–	2	2	–	–	–	1	1	2
Race unascertained	2	2	4	–	1	1	–	–	–	–	–	–	–	1	1
Total	54	55	109	1	1	2	5	12	17	3	–	3	3	6	9

[1]Includes "North" and "South."
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15–19 years			20–24 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	5	22	27	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	29	14	43	–	–	–	–	–	–	–	–	–
4. General paralysis	11	4	15	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	–	–	–	–	1	1	2	–	2
9. Alcoholic	33	7	40	–	–	–	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	1	3	4	–	–	–	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	8	14	22	–	–	–	–	–	–	–	1	1
13. Manic-depressive	17	20	37	–	–	–	1	1	2	1	3	4
14. Involution melancholia	8	10	18	–	–	–	–	–	–	–	–	–
15. Dcmentia praecox	54	55	109	–	–	–	8	3	11	10	8	18
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	1	2	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	12	17	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	3	–	3	–	–	–	–	–	–	–	–	–
22. Without psychosis	3	6	9	–	–	–	1	1	2	–	–	–
Total	182	173	355	–	–	–	10	6	16	14	12	26

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued

PSYCHOSES	25–29 years			30–34 years			35–39 years			40–44 years			45–49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
4. General paralysis	–	–	–	1	1	2	4	–	4	1	–	1	2	2	4
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–
9. Alcoholic	2	–	2	5	2	7	7	2	9	2	2	4	3	–	3
10. Due to drugs and other exogenous toxins	–	–	–	–	1	1	–	1	1	–	–	–	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	1	1	1	1	2	1	1	2	–	–	–	–	–	–
13. Manic-depressive	2	–	2	1	3	4	2	1	3	3	–	3	3	4	7
14. Involution melancholia	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
15. Dementia praecox	8	10	18	9	8	17	8	12	20	7	8	15	1	2	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	2	3	5	1	2	3	–	2	2	2	1	3	–	1	1
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	1	1	1	–	1	–	1	1	–	–	–
Total	14	14	28	18	19	37	23	20	43	16	12	28	9	12	21

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	50–54 years			55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	1	1	2	–	1	1	2	4	6	1	3	4	1	13	14
3. With cerebral arteriosclerosis	–	–	–	1	1	2	6	2	8	3	2	5	19	8	27
4. General paralysis	1	–	1	1	1	2	1	–	1	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	1	1	1	–	1	–	–	–	–	1	1	–	–	–
9. Alcoholic	5	–	5	3	–	3	–	–	–	2	–	2	3	1	4
10. Due to drugs and other exogenous toxins	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	–	2	2	1	2	3	2	3	5	1	1	2	2	2	4
13. Manic-depressive	2	6	8	1	1	2	–	1	1	1	–	1	–	–	–
14. Involution melancholia	3	6	9	1	1	2	1	1	2	2	1	3	1	–	1
15. Dementia praecox	1	2	3	1	2	3	–	–	–	1	–	1	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	1	1	–	1	1	–	1	1	–	–	–	–	–	–
21. Undiagnosed psychoses	1	–	1	–	–	–	–	–	–	–	–	–	2	–	2
22. Without psychosis	–	1	1	–	1	1	–	1	1	1	–	1	–	–	–
Total	16	20	36	10	11	21	12	14	26	12	9	21	28	24	52

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illiterate			Reads and writes*			Common School			High School			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	5	22	27	–	2	2	–	2	2	5	11	16	–	3	3	–	1	1	–	3	3
3. With cerebral arteriosclerosis	29	14	43	3	1	4	6	–	6	16	5	21	2	2	4	1	–	1	1	6	7
4. General paralysis	11	4	15	1	–	1	2	–	2	6	3	9	1	–	1	1	–	1	–	1	1
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	–	–	–	–	1	1	2	1	3	2	1	3	–	–	–	–	1	1
9. Alcoholic	33	7	40	6	–	6	5	–	5	20	6	26	1	1	2	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	1	3	4	1	–	1	–	–	–	–	2	2	–	–	–	–	–	–	–	1	1
11. With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	8	14	22	1	1	2	1	–	1	4	10	14	–	1	1	–	1	1	2	1	3
13. Manic-depressive	17	20	37	–	–	–	1	1	2	11	10	21	4	9	13	1	–	1	–	–	–
14. Involution melancholia	8	10	18	1	–	1	–	–	–	4	8	12	3	1	4	–	–	–	–	1	1
15. Dementia praecox	54	55	109	1	2	3	5	3	8	39	27	66	9	14	23	–	6	6	–	3	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	12	17	3	1	4	–	1	1	2	9	11	–	1	1	–	–	–	–	–	–
21. Undiagnosed psychoses	3	–	3	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–
22. Without psychosis	3	6	9	–	1	1	–	1	1	3	3	6	–	1	1	–	–	–	–	–	–
Total	182	173	355	17	8	25	21	9	30	115	95	210	22	35	57	4	8	12	3	18	21

*Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Urban			Rural			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	5	22	27	4	21	25	1	1	2	–	–	–
3. With cerebral arteriosclerosis	29	14	43	27	13	40	2	1	3	–	–	–
4. General paralysis	11	4	15	10	4	14	1	–	1	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	4	4	8	–	–	–	–	–	–
9. Alcoholic	33	7	40	31	6	37	2	1	3	–	–	–
10. Due to drugs and other exogenous toxins	1	3	4	1	3	4	–	–	–	–	–	–
11. With pellagra	–	1	1	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	8	14	22	6	13	19	2	1	3	–	–	–
13 Manic-depressive	17	20	37	15	19	34	2	1	3	–	–	–
14. Involution melancholia	8	10	18	6	8	14	2	2	4	–	–	–
15. Dementia praecox	54	55	109	5	49	54	48	6	54	1	–	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	1	2	1	1	2	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	12	17	5	10	15	–	2	2	–	–	–
21. Undiagnosed psychoses	3	–	3	2	–	2	1	–	1	–	–	–
22. Without psychosis	3	6	9	2	4	6	1	2	3	–	–	–
Total	182	173	355	119	156	275	62	17	79	1	–	1

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	5	22	27	–	10	10	1	2	3	3	6	9	1	4	5
3. With cerebral arteriosclerosis	29	14	43	9	3	12	8	3	11	12	5	17	–	3	3
4. General paralysis	11	4	15	3	–	3	5	1	6	3	3	6	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain-tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	1	1	2	1	2	3	2	1	3	–	–	–
9. Alcoholic	33	7	40	3	–	3	24	5	29	6	2	8	–	–	–
10. Due to drugs and other exogenous toxins	1	3	4	–	–	–	1	2	3	–	1	1	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
12. With other somatic diseases	8	14	22	1	4	5	4	6	10	3	4	7	–	–	–
13. Manic-depressive	17	20	37	–	5	5	6	12	18	11	3	14	–	–	–
14. Involution melancholia	8	10	18	–	4	4	5	2	7	3	4	7	–	–	–
15. Dementia praecox	54	55	109	4	8	12	36	23	59	14	20	34	–	4	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	1	2	–	–	–	–	–	–	1	–	1	–	1	1
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	12	17	3	6	9	2	6	8	–	–	–	–	–	–
21. Undiagnosed psychoses	3	–	3	–	–	–	–	–	–	3	–	3	–	–	–
22. Without psychosis	3	6	9	1	3	4	2	1	3	–	2	2	–	–	–
Total	182	173	355	25	44	69	95	65	160	61	52	113	1	12	13

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	5	22	27	3	18	21	2	3	5	–	1	1	–	–	–
3. With cerebral arteriosclerosis	29	14	43	8	11	19	13	1	14	7	1	8	1	1	2
4. General paralysis	11	4	15	9	4	13	1	–	1	1	–	1	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	3	3	6	–	1	1	1	–	1	–	–	–
9. Alcoholic	33	7	40	–	–	–	–	–	–	33	7	40	–	–	–
10. Due to drugs and other exogenous toxins	1	3	4	–	2	2	–	–	–	1	–	1	–	1	1
11. With pellagra	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	8	14	22	1	10	11	3	4	7	4	–	4	–	–	–
13. Manic-depressive	17	20	37	4	15	19	7	5	12	6	–	6	–	–	–
14. Involution melancholia	8	10	18	2	7	9	4	3	7	2	–	2	–	–	–
15. Dementia praecox	54	55	109	22	46	68	20	7	27	12	1	13	–	1	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	12	17	1	6	7	4	5	9	–	1	1	–	–	–
21. Undiagnosed psychoses	3	–	3	2	–	2	–	–	–	1	–	1	–	–	–
22. Without psychosis	3	6	9	2	3	5	–	3	3	1	–	1	–	–	–
Total	182	173	355	57	126	183	55	33	88	69	11	80	1	3	4

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Separated			Divorced		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	5	22	27	2	1	3	3	11	14	–	10	10	–	–	–	–	–	–
3. With cerebral arteriosclerosis	29	14	43	3	5	8	19	2	21	7	7	14	–	–	–	–	–	–
4. General paralysis	11	4	15	2	–	2	6	4	10	2	–	2	1	–	1	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	4	4	8	3	1	4	1	1	2	–	1	1	–	–	–	–	1	1
9. Alcoholic	33	7	40	6	–	6	20	7	27	4	–	4	1	–	1	2	–	2
10. Due to drugs and other exogenous toxins	1	3	4	–	1	1	–	2	2	1	–	1	–	–	–	–	–	–
11. With pellagra	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
12. With other somatic diseases	8	14	22	2	5	7	3	6	9	2	3	5	–	–	–	1	–	1
13. Manic-depressive	17	20	37	7	7	14	10	10	20	–	3	3	–	–	–	–	–	–
14. Involution melancholia	8	10	18	1	2	3	7	5	12	–	3	3	–	–	–	–	–	–
15. Dementia praecox	54	55	109	39	25	64	12	25	37	2	2	4	–	–	–	1	3	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psycnoses	1	1	2	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	5	12	17	2	6	8	3	6	9	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	3	–	3	–	–	–	2	–	2	1	–	1	–	–	–	–	–	–
22. Without psychosis	3	6	9	2	3	5	1	3	4	–	–	–	–	–	–	–	–	–
Total	182	173	355	69	56	125	88	82	170	19	31	50	2	–	2	4	4	8

TABLE 14. *Psychoses of Readmissions*

Psychoses	Males	Females	Total
1. Traumatic psychoses	–	–	–
2. Senile psychoses	–	1	1
3. Psychoses with cerebral arteriosclerosis	2	–	2
4. General paralysis	3	–	3
5. Psychoses with cerebral syphilis	–	1	1
6. Psychoses with Huntington's chorea	–	–	–
7. Psychoses with brain tumor	–	–	–
8. Psychoses with other brain or nervous diseases	–	–	–
9. Alcoholic psychoses	3	–	3
10. Psychoses due to drugs and other exogenous toxins	–	1	1
11. Psychoses with pellagra	–	–	–
12. Psychoses with other somatic diseases	–	1	1
13. Manic-depressive psychoses	14	24	38
14. Involution melancholia	3	3	6
15. Dementia praecox	17	22	39
16. Paranoia and paranoid conditions	–	–	–
17. Epileptic psychoses	–	–	–
18. Psychoneuroses and neuroses	–	–	–
19. Psychoses with psychopathic personality	–	–	–
20. Psychoses with mental deficiency	1	2	3
21. Undiagnosed psychoses	–	–	–
22. Without psychosis	5	–	5
Total	48	55	103

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

Psychoses	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	–	1	–	–	–	1	–	1	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	3	3	–	–	–	–	2	2	–	1	1
4. General paralysis	2	3	5	–	–	–	1	3	4	1	–	1
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	1	1
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	3	5	–	1	1	1	2	3	1	–	1
9. Alcoholic	28	1	29	19	1	20	7	–	7	2	–	2
10. Due to drugs and other exogenous toxins	1	5	6	–	3	3	1	2	3	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	3	11	14	2	3	5	1	8	9	–	–	–
13. Manic-depressive	15	27	42	6	10	16	9	16	25	–	1	1
14. Involution melancholia	6	5	11	1	–	1	5	5	10	–	–	–
15. Dementia praecox	21	31	52	–	–	–	18	27	45	3	4	7
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	–	–	–	1	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	3	6	9	2	3	5	1	3	4	–	–	–
21. Undiagnosed psychoses	–	1	1	–	–	–	–	1	1	–	–	–
22. Without psychosis	3	3	6	–	–	–	–	–	–	–	–	–
Total	85	101	186	30	21	51	45	70	115	7	7	14

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses*

CAUSES OF DEATH	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases															
Tuberculosis of the respiratory system	6	7	13	–	1	1	–	–	–	–	–	–	3	–	3
General Diseases Not Included in Class I															
Cancer and other malignant tumors	1	6	7	–	1	1	1	1	2	–	–	–	–	–	–
Tumor (non-cancerous)	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
Diabetes	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System															
Tabes dorsalis (locomotor ataxia)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage, apoplexy	8	5	13	1	–	1	4	2	6	–	–	–	1	1	2
General paralysis of the insane	9	1	10	–	–	–	–	–	–	9	1	10	–	–	–
Other forms of mental disease	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System															
Pericarditis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Endocarditis and myocarditis	23	15	38	4	6	10	7	3	10	–	–	–	2	1	3
Arteriosclerosis	14	2	16	1	1	2	10	–	10	–	–	–	–	–	–
Other diseases of the circulatory system	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System															
Bronchopneumonia	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–
Lobar pneumonia	2	5	7	–	–	–	1	1	2	–	–	–	1	–	1
Diseases of the Digestive System															
Diarrhea and enteritis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Hernia and intestinal obstruction	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa															
Nephritis	8	2	10	–	–	–	2	–	2	–	–	–	1	–	1
Diseases of the Skin and of the Cellular Tissue															
Gangrene	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
External Causes															
Accidental traumatism	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
Other external causes	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
Total	80	51	131	6	13	19	27	8	35	10	1	11	9	2	11

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses* — Concluded

CAUSES OF DEATH	Manic-depressive			Involution melancholia			Dementia praecox			Epileptic psychoses			With mental deficiency			*All other psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases																		
Tuberculosis of the respiratory system	–	1	1	–	1	1	3	2	5	–	–	–	–	–	–	–	2	2
General Diseases Not Included in Class I																		
Cancer and other malignant tumors	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	2	2
Tumor (non-cancerous)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Diseases of the Nervous System																		
Tabes dorsalis (locomotor ataxia)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Cerebral hemorrhage, apoplexy	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	2	3
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other forms of mental disease	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
Diseases of the Circulatory System																		
Pericarditis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Endocarditis and myocarditis	3	2	5	3	–	3	1	1	2	–	1	1	–	–	–	3	1	4
Arteriosclerosis	1	1	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Other diseases of the circulatory system	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System																		
Bronchopneumonia	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Lobar pneumonia	–	2	2	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Diseases of the Digestive System																		
Diarrhea and enteritis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hernia and intestinal obstruction	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa																		
Nephritis	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	4	1	5
Diseases of the Skin and of the Cellular Tissue																		
Gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
External Causes																		
Accidental traumatism	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	4	7	11	4	2	6	9	6	15	–	1	1	1	–	1	10	11	21

*Includes group 22, "without psychosis."

TABLE 17. *Age of Patie its at Time of Death Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			30–34 years			35–39 years			40–44 years			45–49 years			50–54 years			55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	.T	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	6	13	19	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	1	1	4	12	16
3. With cerebral arteriosclerosis	27	8	35	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	3	2	5	5	1	6	18	5	23
4. General paralysis	10	1	11	–	–	–	2	1	3	1	–	1	3	–	3	2	–	2	1	–	1	–	–	–	–	–	–	1	–	1
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
7. With brain tumor	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
9. Alcoholic	9	2	11	–	1	1	–	–	–	1	–	1	1	–	1	2	–	2	1	–	1	–	1	1	1	–	1	3	–	3
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	6	12	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	1	–	1	1	–	1	–	3	3	4	1	5
13. Manic-depressive	4	7	11	–	–	–	–	1	1	–	–	–	–	1	1	1	2	3	1	1	2	–	1	1	–	1	1	2	–	2
14. Involution melancholia	4	2	6	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	2	–	2	2	1	3	–	–	–
15. Dementia praecox	9	6	15	–	–	–	1	1	2	1	1	2	1	1	2	1	–	1	–	1	1	1	1	2	–	–	–	4	1	5
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
21. Undiagnosed psychoses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Total	80	51	131	–	1	1	3	3	6	4	2	6	5	4	9	8	6	14	5	3	8	8	5	13	9	8	17	38	19	57

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

PSYCHOSES	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	6	13	19	–	5	5	1	–	1	1	–	1	–	1	1	3	2	5	–	1	1
3. With cerebral arteriosclerosis	27	8	35	7	1	8	4	–	4	6	1	7	2	1	3	5	3	8	–	2	2
4. General paralysis	10	1	11	1	–	1	1	–	1	3	–	3	2	–	2	3	1	4	–	–	–
5. With cerebral syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
7. With brain tumor	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–
8. With other brain or nervous diseases	1	1	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
9. Alcoholic	9	2	11	2	1	3	1	–	1	–	–	–	–	–	–	1	–	1	1	–	1
10. Due to drugs and other exogenous toxins	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	6	6	12	1	3	4	–	–	–	2	–	2	–	1	1	2	2	4	–	–	–
13. Manic-depressive	4	7	11	1	1	2	–	–	–	–	–	–	–	–	–	–	4	4	1	–	1
14. Involution melancholia	4	2	6	–	–	–	1	–	1	–	1	1	–	–	–	–	1	1	3	–	3
15. Dementia praecox	9	6	15	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	1	–	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	80	51	131	13	12	25	9	–	9	13	3	16	5	3	8	14	15	29	6	4	10

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded

Psychoses	5–6 years			7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	1	1	2	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1
4. General paralysis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1	2	–	2
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
13. Manic-depressive	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
14. Involution melancholia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	–	2	2	1	–	1	–	–	–	–	1	1	–	1	1	1	–	1	5	1	6
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Total	3	5	8	2	5	7	–	–	–	1	2	3	–	1	1	3	–	3	11	1	12

TABLE 19. *Family Care Department*

	Male	Female	Total
Remaining in Family Care October 1, 1930	–	6	6
On visit from Family Care October 1, 1930	–	–	–
Admitted during the year	–	–	–
Whole number of cases within the year	–	6	6
Dismissed within the year	–	–	–
Returned to institution	–	1	1
Discharged	–	–	–
On visit	–	–	–
Remaining in Family Care September 30, 1931	–	5	5
Supported by the State	–	3	3
Private	–	2	2
Self-supporting	–	–	–
Number of different persons within the year	–	6	6
Number of different persons dismissed	–	–	–
Number of different persons admitted	–	–	–
Average daily number in Family Care during the year	–	5.1	5.1
Supported by the State	–	3	3
Private	–	2 0	2.0
Self-supporting	–	–	–

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1932

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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TRUSTEES' REPORT

To His Excellency, the Governor of the Commonwealth and the Honorable Council:

The Trustees of the Northampton State Hospital have the honor to present their report for the year ending November 30, 1932.

The daily average number of patients was 1,672.7 as compared with 1,546.6 the previous year. The weekly cost of maintenance was $5.4613 per capita.

Dr. Theodore A. Hoch

The following resolutions were adopted in September, 1932:

In the relatively short time since he came to this hospital Dr. Theodore A. Hoch endeared himself to us, to our officials, his employees and patients at the hospital, and to the people of this community, to a rare degree. In this uniformily tactful and kindly manner of dealing with the multitudinous problems of his position, which could have been only because of his friendliness toward his interest in every human being with whom he came in contact, he exhibited an unsurpassed fitness for the position he held. Working under a varying handicap because of his physical condition he gave to his work an unvaryingly careful, considerate, conscientious consideration. *Therefore*, we the Trustees of the Northampton State Hospital, do

Resolve: that, with full understanding of the loss this institution and the Commonwealth have sustained by reason of the death of Theodore A. Hoch, fifth superintendent of this hospital, serving as such from February 1, 1930, to the time of his death, August 4, 1932, we will with his life for our example and inspiration, attempt to discharge our duties as nearly as may be in the manner in which he discharged his; and we can do no more; and it is further

Resolved: that these resolutions be spread upon our records and that a copy be sent to Mrs. Hoch.

The Acting Superintendent's report gives in detail the activities of the medical and of the other departments. The opening of the C building in May gives us a much needed additional housing space for 150 male patients. We are very much in need of a hospital for the care of the acutely ill male and female patients and also the employees. Additional wards for acutely excited patients are also needed, especially for the female patients. A new cold storage plant will have to be provided in the near future as the old plant is becoming dangerous because of the rotting of its supporting timbers. It was necessary to haul ice from the State School at Belchertown because of the shortage in the ice crop last year and even if there had been no shortage the storage facilities would have been inadequate. The recreation pavillion was opened in April. This pavillion was built by the State to replace the one that burned November 10, 1922. The original club house was erected in 1907 by Mrs. Lyman D. James in memory of her husband who for a period of twenty-four years was an active member of the Board of Trustees of this hospital. The new male attendants' home is nearly completed and will provide accommodations for 100 attendants. There will be single rooms for each, a reception room on each floor and a large smoking and card room in the basement.

The maintenance department had a very busy year making the usual repairs necessary for the upkeep of the institution. The change from direct to alternating current was completed this year. The laying of sewer, steam and water pipe lines to the new buildings has been completed.

Respectfully submitted,

Mr. Walter L. Stevens, *Chairman*
Mrs. Emily N. Newton, *Secretary*
Dr. Laurence D. Chapin
Mr. Albert M. Darling
Mr. Charles W. King,
Dr. John C. O'Brien,
Miss Caroline A. Yale
Trustees.

ACTING SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I submit my report for the year 1932.

Movement of Population

The number of patients on our books October 1, 1931 was 1,792. There were admitted during the year 479 patients, making a total of 2,271 under care and treatment during the year. There were discharged to their relatives and transferred to other institutions 276. There were 107 deaths, leaving 1,888 on our books September 30, 1932 of which 1,673 were in the hospital and 215 on visit or otherwise absent.

Medical Activities

In August of this year the patients and employees suffered a great loss by the death of their Superintendent, Dr. Theodore A. Hoch. As yet no superintendent has been appointed to fill the vacancy.

On August 1st of this year Miss Maryalys Parker, psychometrist, returned for duty after a year's leave of absence which was granted her to take a post-graduate course at Columbia University. Miss Elizabeth Bicknell, who was temporarily engaged to fill the vacancy, left our service on July 30 to take a similar position at the Walter E. Fernald State School, Waverley, Massachusetts.

A modern x-ray department was opened June 23rd of this year. The equipment consists of a standard deluxe x-ray machine with tilting table for radiographs and fluroscopy; included in this equipment is a Bucky diaphragm, a standard x-ray vertical cassette changer and one stereoscope with an adjustable mirror for stereoscopic pictures. Since this installation 103 radiographs have been taken for diagnostic purposes.

Staff meetings have been held twice weekly. There has been an increase in the number of lectures and clinics given to the nearby college students and general hospital nurses. These clinics continue throughout the year as the Smith College social service students come during the summer months. During June, July and August we employed three medical students who served as clinical assistants.

Our resident dentist reports 1,152 fillings; 646 extractions of teeth; tartar was removed from the teeth of 641 patients; 665 patients' teeth were cleaned; 63 plates were repaired and the gums of 190 patients were cleaned.

Out Patient Department

Out patient clinics are held in Springfield, North Adams, Greenfield and Pittsfield once a month. Three hundred and thirty-eight patients absent from the hospital on visit reported at the clinics and inquiries were made by relatives concerning 351 patients. There were 101 cases referred by Social Agencies, 184 by the Courts, 9 by the schools, 22 by physicians, 3 by other institutions, 10 by relatives, 16 came of their own volition for advice concerning themselves. The school clinic examined retarded children in the schools of 22 towns. Of the 443 examined, 242 were first examinations and 201 were re-examinations. This makes a total of 1,477 individuals whose cases were handled by our out-patient department.

The out-patient physician continues to give her services one day a week to the Juvenile Court in Springfield.

The Social Service Department

The Social Service Department still consists of only two workers, although for a few weeks this summer we had the help of a volunteer worker. The work is divided by the hospital and community cases. The number of the latter is constantly increasing because of the two Child Guidance Clinics. Two hundred and eighteen new cases were referred during the year. There were 73 social histories taken and 464 supervisiory visits were made regarding patients on visit.

During the year the Child's Guidance Clinics in Northampton and Holyoke were transferred from the Division of Mental Hygiene to this hospital. Since taking over these clinics 34 clinic sessions were held in Holyoke and 46 in Northamption. There were 601 interviews held with children and 518 visits were made to homes, schools, etc., regarding these problems. There has been an exceptionally fine prosponse by the community to the opportunity for lessons in speech correction.

The hospital has been furnishing a psychiatrist, social worker and the typing has been done by an hospital employee. Smith College has been furnishing a psycologist for the clinics and there has been a voluntary speech worker. In Holyoke, Mount Holyoke College has been furnishing a member of the Department of Psychology for speech correction work.

Occupational Therapy Department

There has been no change in the personnel of this department during the past year. They are still conducting classes in the new building, infirmary wards and in the main Occupational Therapy room.

In the Occupational Therapy Department the following articles were made:

6,817 towels, 1,750 pillow slips, 980 face cloths, 332 stand covers, 282 curtains, 113 valances, 4 centerpieces, 15 woven runners, 14 sweaters, 76 pillows, 15 rugs (hooked), 2 rugs (B. W.), 17 baskets (reed), 7 baskets (raphia), 24 napkins, 4 x-ray draperies, 7 holders, 6 reed mats, 24 door silencers, 1 door stop, 2 reed toys, 9 costumes, 3,450 hemmed sacks, 1 baby sack, 1 baby bunting, 2 shawls (baby), 2 dresses (baby), 9 diapers (baby); and many other articles too numerous to mention such as wreaths, toys, etc.

In the Men's Industrial Department: 1,123 shoes were repaired, 87 new pillows, 207 pillows made over, 226 rugs, 60 nail brushes, 14 radiator brushes, 12 kitchen brushes, 24 shoe brushes, 369 shirts, 9 pairs pants, 27 milk cans, 6 calf pails, 258 new mattresses made, 573 mattresses made over, 1,111 brooms, 271 scrub brushes, 48 stool brushes, 13 floor brushes, 16 counter brushes, 799 jumpers, 872 pairs overalls, 24 tin sauce pans, 24 tin baking pans, 18 coffee pails, 56 skimmers, 90 galvanized iron dirt pails, 1 galvanized iron tool box, 66 chairs were caned, 237 pairs socks were made, 86 tin cups, 6 galvanized iron bread boxes, 1 galvanized iron garbage can, 27 baskets were repaired, 28,565 forms printed.

Assemblies of Patients

There were 144 assemblies in Chapel during the past year. These assemblies consisted of religious services, dances, concerts, minstrel and plays.

A new R. C. A. Photophone was installed this year and every Monday night the patients enjoy a News Reel and a feature picture.

Our Baseball season opened May 2nd and closed Sept. 30th. Besides practice games there were 35 match games played. Between three and four hundred patients attended the games and I know of no other form of entertainment, unless it be a motion picture, in which they show more interest.

The Club House was opened April 30, 1932. This was built by the State to replace one that was burned in 1922. The Club House is used by the patients during the day and the employees in the evening. Amusements are provided such as radio, bowling, cards, ping-pong, checkers, magazines and other reading material. There is also a canteen where may be obtained candy, cigars, cigarettes, pipes, soft drinks, ice cream, nuts, peanut butter sandwiches, etc.

Farm

The farm, on the whole, had a very successful year. The addition of the Day property increased the tillage a few acres. The Grant property was purchased too late to be available the past season. The silage crop of 50 tons was far above the average. The potato acreage was small but the yeild was the best in several years. There were 1,100 bushels of excellent quality potatoes. The hay crop, 271 tons, was slightly above normal. The garden crops, except onions, were very satisfactory.

The following is the weight in pounds of the major crops of vegetables harvested during the year: — string beans, 12,215, beets 38,079, cabbage 138,401, carrots 59,508, sweet corn 28,996, onions 29,148, winter squash 31,154 turnips 76,469, tomatoes 60,270.

The yield of fruit was very heavy: The apple crop consisted of 1,327 barrels although the quality was rather poor as the fruit had been injured by hail storms. The strawberry crop was the largest in many years; 8,835 quarts of a very high quality fruit and again the Skinner watering system played an important part.

In our new canning room there were 45,764 pounds of fruit and vegetables canned.

The poultry flock made a new high record for eggs and broilers. We produced 10,601 dozen eggs; 3,436 lbs. of fowl and 3,804 lbs. of broilers. The flock is in good condition and consists of 806 hens.

The swine herd showed an increase in production over any previous year. The total yield of dressed pork for the year was 86.618 pounds.

The dairy herd yielded 792,118 pounds of milk, an average of 14,000 pounds per cow.

Repairs and Improvements

The usual large number of repairs and improvements necessary in the upkeep of the hospital were made. The following is a brief list of some of the important repairs and renewals.

The installation of a new canning retort, a vegetable kettle and a new sealing machine.

Twelve lavatories and 4 drinking fountains were installed in the South Infirmary.

Two hundred and thirty feet of steam pipe and a relief line were laid to connect with the new male nurses' home; 626 feet of water pipe laid to supply the new attendants' home and also the hydrants outside of this building. Four hundred and ninety-two feet of tile sewer pipe was laid to the new attendants' home and also 272 feet of tile pipe was laid from the sump in the new attendants' home to a catch basin.

Two Monel metal sinks were installed in the kitchen.

Completed the change from the direct to the alternating current lighting system.

The covering of 10 steam radiators in the South Infirmary with guards.

Installation of slate partitions in the toilets on the farm ward and the first and second halls, North.

Installation of flush ometers and new seats in the toilets on the South Infirmary.

Installation of new bath tub, South Infirmary.

Installation of 2 sinks in the x-ray room for developing.

Installation of 6 new continuous bath tubs in the South Infirmary.

The making and installing of copper pans for the floors in the shower baths in B-3.

The enlarging of the Motion Picture booth.

Installation of electric control valve on water supply to passenger elevator in the Administration Building to prevent opening gates except when the car is at a landing.

Installation of conduit and wiring for the X-ray room including five electric lighting fixtures and 2 photograph lamps.

The C Building was opened in May and provides for the care of 150 male patients. A cafeteria and a smoking room were equipped on the ground floor for the use of these patients.

The new male attendants' home is nearly completed and will probably be opened early in February of the coming year.

Replastering and painting of the wards on the second floor of the North Infirmary Building.

Mr. John W. Thornily was employed in this hospital as florist from April 18, 1893 until March 28, 1932 on which date he died. His position was filled by Mr. Henry Weidlich June 9, 1932. Mr. Weidlich is a graduate of the Massachusetts Agricultural College.

Mrs. Leonora Hoch presented to the hospital in memory of her husband, Dr. Theodore A. Hoch, two fir trees (Abies Veitchii) and a rock garden. The trees were planted in front of the Administration building, one one each side of the fountain. The rock garden is to be placed on the lawn in front of the First Halls, South.

I again wish to thank the friends of the hospital for the gifts donated for the benefit of the patients. I also wish to express my appreciation to the employees for the cooperation given me since the death of Dr. Theodore A. Hoch.

Respectfully submitted,

EDWARD W. WHITNEY,
Acting Superintendent.

VALUATION

November 30, 1932

REAL ESTATE

Land, 547.5 acres	$172,265.00
Buildings	1,961,244.76
	$2,133,509.76

PERSONAL PROPERTY

Travel, transportation and office expenses	$2,129.40
Food	10,401.60
Clothing and materials	20,684.29
Furnishings and household supplies	91,785.65
Medical and general care	2,189.20
Heat and other plant operation	7,354.74
Farm	57,617.61
Garage and grounds	8,255.40
Repairs	13,822.62
	$214,240.51

SUMMARY

Real estate	$2,133,509.76
Personal property	214,240.51
	$2,347,750.27

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1932.

CASH ACCOUNT

Receipts

Income		
Board of patients		$108,425.41
Personal Services:		
Reimbursement from Board of Retirement		165.33
Sales:		
Food	$20.01	
Clothing and materials	27.91	
Medical and general care	246.38	
Farm:		
Cows and calves	190.00	
Hides	17.35	
Sets and tallow	.92	
Skin	.72	
Barrels and bags	54.24	
Drums	2.25	
Garage and grounds	14.00	
Repairs, ordinary	253.78	
Total sales		827.56

Miscellaneous:		
Interest on bank balances	474.64	
Rent	1,406.25	
		1,880.89
Total, income		$111,299.19

MAINTENANCE

Balance from previous year, brought forward	$17,038.71
Appropriations, current year	475,950.00
Total	$492,988.71
Expenses (as analyzed below)	475,023.74
Balance reverting to Treasury of Commonwealth	$17,964.97

Analysis of Expenses

Personal services	$264,434.70
Religious instruction	1,325.00
Travel, transportation and office expenses	5,494.34
Food	74,363.08
Clothing and materials	9,212.08
Furnishings and household supplies	21,959.54
Medical and general care	7,586.60
Heat and other plant operation	47,097.47
Farm	20,356.49
Garage and grounds	3,974.97
Repairs ordinary	12,135.14
Repairs and renewals	7,084.33
Total expenses for maintenance	$475,023.74

SPECIAL APPROPRIATIONS

Balance December 1, 1931		$202,016.46
Appropriations for current year		13,500.00
Total		$215,516.46
Expended during the year (see statement below)	$123,277.70	
Reverting to Treasury of Commonwealth	1,517.54	
		124,795.24
Balance November 30, 1932, carried to next year		$90,721.22

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Power Equipment	Ch. 115, '30	$11,000.00	$84.91	$10,946.41	$53,59*
Ward Building C	Ch. 115, '30	185,000.00	11,306.28	183,739.56	1,260.44*
Additional land	Ch. 170, '32	75,000.00	7,950.06	23,434.49	51,565.51
Recreation Pavilion	Ch. 115, '30	10,000.00	2,755.89	9,796.49	203.51*
Male Nurses' Home	Ch. 245, '31	150,000.00	86,705.24	125,159.62	24,840.38
Purchase of x-ray equipment	Ch. 245, '31	5,100.00	4,994.41	4,994.41	105.59
Furnishing Ward C	Ch. 245, '31	17,500.00	6,935.39	14,244.74	3,255.26
Furnishing Male Attendants' Home	Ch. 170, '32	13,500.00	2,545.52	2,545.52	10,954.48
		$467,100.00	$123,277.70	$374,861.24	$92,238.76

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	$1,517.54
Balance carried to next year	90,721.22
Total as above	$92,238.76

PER CAPITA

During the year the average number of inmates has been 1,672.7.
Total cost of maintenance, $475,023.74.
Equal to a weekly per capita cost of $5.4613.
Receipt from sales, $827.56.
Equal to a weekly per capita of $0.0095.
All other institution receipts, $110,349.16.
Equal to a weekly per capita of $1.2687.
Net weekly per capita $4.1831.

Respectfully submitted,
EVA L. GRAVES,
Treasurer.

STATISTICAL TABLES

As Adopted by the American Psychiatric Association
Prescribed by the Massachusetts Department of Mental Diseases

Table 1. *General Information*

Data correct at end of hospital year November 30, 1932

1. Date of *opening* as a hospital for mental diseases, August 16, 1858.
2. Type of hospital: State.
3. Hospital plant:

Value of hospital property:	
Real estate, including buildings	$2,133,509.76
Personal property	214,240.51
Total	$2,347,750.27

Total acreage of hospital proeprty, 547.5.
Total acreage under cultivation during previous year, 241.5.

4. Officers and employees November 30, 1932

	Actually in Service at End of Year			Vacancies of End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	–	–	–	1	—	1
Assistant physicians	4	4	8	–	–	–
Clinical assistants	–	–	–	2	1	3
Total physicians	4	4	8	3	1	4
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	10	10	–	1	1
Other nurses and attendants	76	73	149	6	5	11
Occupational therapists	1	3	4	–	–	–
Social workers	–	2	2	–	–	–
All other officers and employees	67	46	113	2	3	5
Total officers and employees	151	138	289	11	10	21

Note: —The following items, 5–10 inclusive, are for the year ended September 30, 1932.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
White						
Insane	730	893	1,623	81	129	210
Mental defectives	21	16	37	1	1	2
All other cases	1	1	2	1	–	1
Total	752	910	1,662	83	130	213
Other Races:						
Insane	8	3	11	1	1	2
Total	8	3	11	1	1	2
Grand Total	760	913	1,673	84	131	215

	M.	F.	T.
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report	9	146	155
7.. Other patients employed in general work of hospital on date of report	299	233	532
8. Average daily number of all patients actually in hospital during year	755.26	907.41	1,662.67
9. Voluntary patients admitted during year	3	2	5
10. Persons given advice or treatment in out-patient clinics during year	263	320	583

Table 2. *Financial Statement*

See Treasurer's report for data requested under this table.

Note: — The following tables 3–19, inclusive, are for the Statistical year ended September 30, 1932.

TABLE 3. *Movement of Patient Population*

	Regular Court Commitment (Insane)			Voluntary			Temporary Care			Observation			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1931	789	984	1,773	2	–	2	–	–	–	7	10	17	798	994	1,792
Admissions during year:															
First admissions	175	162	337	2	1	3	12	8	20	22	8	30	211	179	390
Readmissions	27	50	77	1	1	2	–	–	–	5	1	6	33	52	85
Transfers from other hospitals for mental diseases	1	3	4	–	–	–	–	–	–	–	–	–	1	3	4
Total received during year	203	215	418	3	2	5	12	8	20	27	9	36	245	234	479
Total on books during year	992	1,199	2,191	5	2	7	12	8	20	34	19	53	1,043	1,228	2,271
Discharged from books during year:															
As recovered	24	29	53	–	–	–	2	1	3	6	1	7	32	31	63
As improved	20	52	72	–	1	1	–	1	1	4	6	10	24	60	84
As unimproved	13	8	21	2	–	2	1	4	5	3	–	3	19	12	31
As without psychosis	5	5	10	–	–	–	4	2	6	8	1	9	17	8	25
Transferred to other hospitals for mental diseases	47	26	73	–	–	–	–	–	–	–	–	–	47	26	73
Died during year	56	44	100	–	–	–	3	–	3	1	3	4	60	47	107
Total discharged, transferred and died during year	165	164	329	2	1	3	10	8	18	22	11	33	199	184	383
Insane patients remaining on books of hospital at end of hospital year:															
In hospital	744	904	1,648	3	1	4	2	–	2	11	8	19	760	913	1,673
On parole or otherwise absent	83	131	214	–	–	–	–	–	–	1	–	1	84	131	215
Total	827	1,035	1,862	3	1	4	2	–	2	12	8	20	844	1,044	1,888

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITIY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	124	102	226	57	66	50	57	54	47
Austria	2	2	4	3	3	3	2	3	2
Belgium	–	–	–	–	–	–	1	1	1
Canada[1]	14	11	25	31	25	22	14	19	14
Czecho-Slovakia	–	1	1	–	–	–	–	–	–
Denmark	–	–	–	–	–	–	1	1	1
England	2	4	6	6	2	2	5	6	4
Finland	–	1	1	–	–	–	1	1	1
France	–	–	–	1	–	–	2	–	–
Germany	2	2	4	7	6	4	7	6	6
Greece	–	–	–	1	1	1	–	–	–
Ireland	3	11	14	20	25	18	31	31	24
Italy	5	4	9	7	8	7	5	5	5
Japan	1	–	1	1	1	1	–	–	–
Norway	–	–	–	–	1	–	–	–	–
Philippine Islands	–	–	–	–	1	–	–	–	–
Poland	13	11	24	21	19	18	13	13	13
Russia	3	7	10	3	3	3	8	8	8
Scotland	3	2	5	3	3	3	3	3	2
Sweden	1	2	3	1	1	1	2	2	1
Switzerland	–	1	1	–	1	–	2	1	1
Wales	–	–	–	1	–	–	–	1	–
Other countries	2	1	3	7	4	4	1	1	1
Unascertained	–	–	–	5	5	2	7	6	4
Total	175	162	337	175	175	139	162	162	135

[1]Includes Newfoundland.

TABLE 4-A. *Age of First Admissions Classified with Reference to Navitity, and Length of Residence in the United States of the Foreign Born*

Age Groups	Aggregate			Native Born														Foreign Born														
				Total			Parentage														Time in United States before Admission											
							Native			Foreign			Mixed			Unascertained					Under 5 years			5–9 years			10–14 years			15 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years	–	1	1	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	8	6	14	8	5	13	3	2	5	1	3	4	3	–	3	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
20–24 years	18	13	31	17	11	28	5	6	11	7	3	10	5	2	7	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	1	2	3
25–29 years	12	5	17	12	5	17	1	2	3	7	1	8	3	2	5	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30–34 years	16	17	33	13	9	22	6	6	12	4	1	5	3	2	5	–	–	–	3	8	11	–	–	–	–	–	–	–	–	–	3	8	11
35–39 years	23	16	39	17	12	29	6	3	9	5	6	11	6	2	8	–	1	1	6	4	10	–	–	–	–	–	–	–	–	–	6	4	10
40–44 years	20	17	37	11	7	18	5	4	9	3	1	4	3	2	5	–	–	–	9	10	19	–	–	–	–	–	–	–	–	–	9	10	19
45–49 years	13	21	34	6	14	20	2	6	8	3	4	7	1	3	4	–	1	1	7	7	14	–	–	–	–	–	–	–	–	–	7	7	14
50–54 years	8	16	24	7	10	17	3	1	4	1	5	6	3	3	6	–	1	1	1	6	7	–	–	–	–	–	–	–	–	–	1	6	7
55–59 years	10	12	22	4	6	10	1	3	4	1	1	2	2	2	4	–	–	–	6	6	12	–	–	–	–	–	–	–	–	–	6	6	12
60–64 years	11	13	24	5	9	14	3	4	7	1	3	4	1	2	3	–	–	–	6	4	10	–	–	–	–	–	–	–	–	–	6	4	10
65–69 years	10	7	17	6	3	9	2	1	3	3	1	4	1	1	2	–	–	–	4	4	8	–	–	–	–	–	–	–	–	–	4	4	8
70 years and over	26	18	44	18	10	28	13	7	20	3	1	4	2	2	4	–	–	–	8	8	16	–	–	–	–	–	–	–	–	–	8	8	16
Total	175	162	337	124	102	226	50	46	96	39	30	69	33	23	56	2	3	5	51	60	111	–	–	–	–	–	–	–	–	–	51	60	111

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	124	102	226
Citizens by naturalization	20	24	44
Aliens	27	24	51
Citizenship unascertained	4	12	16
Total	175	162	337

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				–	1	1
2. Senile psychoses				5	12	17
3. Psychoses with cerebral arteriosclerosis				32	24	56
4. General paralysis				12	8	20
5. Psychoses with cerebral syphilis				–	–	–
6. Psychoses with Huntington's chorea				–	–	–
7. Psychoses with brain tumor				–	–	–
8. Psychoses with other brain or nervous diseases, total				7	1	8
Multiple sclerosis	1	–	1			
Tabes dorsalis	1	–	1			
Other diseases	5	1	6			
9. Alcoholic psychoses, total				27	2	29
Delirium tremens	3	–	3			
Korsakow's psychosis	4	–	4			
Acute hallucinosis	10	–	10			
Other types, acute or chronic	10	2	12			
10. Psychoses due to drugs and other exogenous toxins,				–	2	2
Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined	–	2	2			
11. Psychoses with pellagra				–	–	–
12. Psychoses with other somatic diseases,				5	11	16
Delirium of unknown origin	–	1	1			
Cardio-renal diseases	4	1	5			
Diseases of the ductless glands	–	1	1			
Other diseases or conditions	1	8	9			
13. Manic-depressive psychoses, total				21	19	40
Manic type	11	12	23			
Depressive type	9	7	16			
Other types	1	–	1			
14. Involution melancholia				9	7	16
15. Dementia praecox (schizophrenia)				38	60	98
16. Paranoia and paranoid conditions				–	–	–
17. Epileptic psychoses				5	–	5
18. Psychoneuroses and neuroses, total				–	6	6
Hysterical type	–	4	4			
Psychasthenic type (anxiety and obsessive forms)	–	1	1			
Neurasthenic type	–	1	1			
19. Psychoses with psychopathic personality				–	–	–
20. Psychoses with mental deficiency				10	7	17
21. Undiagnosed psychoses				2	–	2
22. Without psychosis, total				2	2	4
Mental deficiency without psychosis	1	2	3			
Others	1	–	1			
Total				175	162	337

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis			General paralysis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	3	1	4	–	–	–	–	–	–	1	–	1	–	1	1
Armenian	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	30	25	55	–	–	–	2	4	6	11	4	15	2	1	3
Finish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
French	32	22	54	–	1	1	2	1	3	7	7	14	2	2	4
German	6	8	14	–	–	–	–	–	–	1	2	3	–	1	1
Greek	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	7	7	–	–	–	–	–	–	–	1	1	–	–	–
Irish	29	38	67	–	–	–	–	4	4	5	2	7	3	2	5
Italian[1]	8	5	13	–	–	–	–	–	–	1	–	1	1	–	1
Japanese	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Lithuanian	2	2	4	–	–	–	–	–	–	–	–	–	1	–	1
Magyar	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	1	4	5	–	–	–	–	–	–	–	1	1	1	1	2
Scotch	5	7	12	–	–	–	–	2	2	1	2	3	1	–	1
Slavonic[3]	26	17	43	–	–	–	1	–	1	1	–	1	1	–	1
Spanish-American	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	25	17	42	–	–	–	–	1	1	4	2	6	–	–	–
Race unascertained	3	6	9	–	–	–	–	–	–	–	3	3	–	–	–
Total	175	162	337	–	1	1	5	12	17	32	24	56	12	8	20

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous toxins			With other somatic diseases			Manic-depressive			Involution melancholia		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	1	–	1	–	–	–	–	–	–	–	–	–	5	4	9	3	–	3
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	–	–	–	7	–	7	–	–	–	1	2	3	3	3	6	1	–	1
German	1	–	1	1	–	1	–	–	–	–	1	1	–	1	1	–	1	1
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1
Irish	–	–	–	5	1	6	–	1	1	2	3	5	2	8	10	4	4	8
Italian[1]	–	–	–	1	–	1	–	–	–	–	–	–	2	–	2	–	–	–
Japanese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–
Slavonic[3]	2	–	2	9	1	10	–	–	–	–	–	–	2	2	4	–	–	–
Spanish-American	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	2	1	3	2	–	2	–	–	–	2	1	3	5	1	6	–	1	1
Race unascertained	1	–	1	1	–	1	–	–	–	–	2	2	–	–	–	–	–	–
Total	7	1	8	27	2	29	–	2	2	5	11	16	21	19	40	9	7	16

[1]Includes "North" and "South"
[2]Norwegians, Danes, and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Dementia praecox			Epileptic psychoses			Psycho-neuroses and neuroses			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Armenian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	3	8	11	1	–	1	–	2	2	1	2	3	–	–	–	1	–	1
Finnish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	3	6	9	1	–	1	–	–	–	4	–	4	–	–	–	1	–	1
German	2	2	4	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Greek	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Hebrew	–	3	3	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Irish	7	12	19	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–
Italian [1]	2	4	6	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Japanese	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuanian	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Scandinavian [2]	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	1	2	3	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Slavonic [3]	8	12	20	2	–	2	–	–	–	–	1	1	–	–	–	–	1	1
Spanish-American	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Mixed	8	5	13	1	–	1	–	2	2	–	2	2	1	–	1	–	1	1
Race unascertained	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	38	60	98	5	–	5	–	6	6	10	7	17	2	–	2	2	2	4

[1]Includes "North" and "South".
[2]Norwegians, Danes, and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15–19 years			20–24 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	–	–	–	–	–
2. Senile	5	12	17	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	32	24	56	–	–	–	–	–	–	–	–	–
4. General paralysis	12	8	20	–	–	–	–	–	–	–	–	–
5 With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	7	1	8	–	1	1	2	–	2	1	–	1
9. Alcoholic	27	2	29	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	2	2	–	–	–	–	–	–	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	11	16	–	–	–	–	–	–	–	–	–
13. Manic-depressive	21	19	40	–	–	–	2	1	3	3	3	6
14. Involution melancholia	9	7	16	–	–	–	–	–	–	–	–	–
15. Dementia praecox	38	60	98	–	–	–	3	4	7	11	6	17
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	5	–	5	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	–	–	–	1	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	10	7	17	–	–	–	1	–	1	2	3	5
21. Undiagnosed psychoses	2	–	2	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	2	4	–	–	–	–	–	–	1	–	1
Total	175	162	337	–	1	1	8	6	14	18	13	31

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued

PSYCHOSES	25–29 years			30–34 years			35–39 years			40–44 years			45–49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
4. General paralysis	–	–	–	3	1	4	2	1	3	2	1	3	1	2	3
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	1	–	1	–	–	–	–	–	–	3	–	3
9. Alcoholic	3	–	3	2	1	3	4	–	4	9	–	9	3	–	3
10. Due to drugs and other exogenous toxins	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	1	1	–	–	–	–	1	1	1	–	1	–	3	3
13. Manic-depressive	–	–	–	3	1	4	6	2	8	2	6	8	2	5	7
14. Involution melancholia	–	–	–	–	–	–	1	2	3	–	–	–	–	2	2
15. Dementia praecox	8	4	12	3	9	12	7	7	14	3	9	12	1	8	9
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	1	–	1	2	–	2	–	–	–	1	–	1
18. Psychoneuroses and neuroses	–	–	–	–	1	1	–	3	3	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	2	2	4	1	–	1	2	1	3	1	–	1
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
22. Without psychoses	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Total	12	5	17	16	17	33	23	16	39	20	17	37	13	21	34

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	50–54 years			55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
2. Senile	–	1	1	–	–	–	1	1	2	2	1	3	2	9	11
3. With cerebral arteriosclerosis	–	–	–	1	2	3	5	8	13	3	5	8	23	8	31
4. General paralysis	2	1	3	2	1	3	–	1	1	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	–	–	–	3	–	3	3	1	4	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	1	1	2	–	4	4	1	–	1	2	–	2	–	1	1
13. Manic-depressive	1	–	1	–	–	–	–	1	1	2	–	2	–	–	–
14. Involution melancholia	4	3	7	3	–	3	–	–	–	–	–	–	1	–	1
15. Dementia praecox	–	8	8	1	5	6	–	–	–	1	–	1	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Total	8	16	24	10	12	22	11	13	24	10	7	17	26	18	44

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES	Total			Illiterate			Reads and writes*			Common School			High School			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	5	12	17	1	3	4	2	1	3	2	5	7	–	1	1	–	2	2	–	–	–
3. With cerebral arteriosclerosis	32	24	56	3	1	4	7	4	11	12	12	24	4	–	4	4	3	7	2	4	6
4. General paralysis	12	8	20	1	–	1	3	2	5	6	6	12	–	–	–	2	–	2	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	7	1	8	–	–	–	1	–	1	4	1	5	–	–	–	1	–	1	1	–	1
9. Alcoholic	27	2	29	3	–	3	4	1	5	15	1	16	3	–	3	1	–	1	1	–	1
10. Due to drugs and other exogenous toxins	–	2	2	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	11	16	–	–	–	1	2	3	4	3	7	–	3	3	–	1	1	–	2	2
13. Manic-depressive	21	19	40	–	–	–	1	2	3	12	12	24	5	4	9	3	1	4	–	–	–
14. Involution melancholia	9	7	16	1	–	1	1	–	1	5	4	9	2	1	3	–	–	–	–	2	2
15. Dementia praecox	38	60	98	1	3	4	2	7	9	26	33	59	7	11	18	2	3	5	–	3	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	5	–	5	–	–	–	1	–	1	2	–	2	1	–	1	1	–	1	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	–	–	–	–	–	–	5	5	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	10	7	17	3	1	4	1	–	1	6	5	11	–	–	–	–	–	–	–	1	1
21. Undiagnosed psychoses	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
22. Without psychosis	2	2	4	–	–	–	–	–	–	2	2	4	–	–	–	–	–	–	–	–	–
Total	175	162	337	13	9	22	24	19	43	97	91	188	22	21	43	15	10	25	4	12	16

*Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Urban			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–
2. Senile	5	12	17	5	11	16	–	1	1
3. With cerebral arteriosclerosis	32	24	56	29	21	50	3	3	6
4. General paralysis	12	8	20	11	7	18	1	1	2
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	7	1	8	7	1	8	–	–	–
9. Alcoholic	27	2	29	26	2	28	1	–	1
10. Due to drugs and other exogenous toxins	–	2	2	–	1	1	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	11	16	4	11	15	1	–	1
13. Manic-depressive	21	19	40	20	17	37	1	2	3
14. Involution melancholia	9	7	16	9	7	16	–	–	–
15. Dementia praecox	38	60	98	36	56	92	2	4	6
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	5	–	5	4	–	4	1	–	1
18. Psychoneuroses and neuroses	–	6	6	–	3	3	–	3	3
19. With psychopathic personality	–	–	–	–	–	–	–	–	–
20. With mental deficiency	10	7	17	10	6	16	–	1	1
21. Undiagnosed psychoses	2	–	2	2	–	2	–	–	–
22. Without psychosis	2	2	4	2	2	4	–	–	–
Total	175	162	337	165	146	311	10	16	26

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
2. Senile	5	12	17	2	2	4	2	5	7	1	5	6	–	–	–
3. With cerebral arteriosclerosis	32	24	56	9	7	16	12	9	21	9	7	16	2	1	3
4. General paralysis	12	9	20	1	5	6	9	2	11	2	1	3	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	7	1	8	1	1	2	5	–	5	1	–	1	–	–	–
9. Alcoholic	27	2	29	3	2	5	19	–	19	4	–	4	1	–	1
10. Due to drugs and other exogenous toxins	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	11	16	–	4	4	2	2	4	3	4	7	–	1	1
13. Manic-depressive	21	19	40	4	3	7	12	9	21	5	6	11	–	1	1
14. Involution melancholia	9	7	16	1	–	1	4	3	7	4	3	7	–	1	1
15. Dementia praecox	38	60	98	9	14	23	24	31	55	5	15	20	–	–	–
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	5	–	5	2	–	2	3	–	3	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	2	2	–	3	3	–	1	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	10	7	17	3	3	6	5	3	8	2	–	2	–	1	1
21. Undiagnosed psychoses	2	–	2	–	–	–	1	–	1	1	–	1	–	–	–
22. Without psychosis	2	2	4	1	1	2	–	1	1	1	–	1	–	–	–
Total	175	162	337	36	45	81	98	70	168	38	42	80	3	5	8

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
2. Senile	5	12	17	2	10	12	3	2	5	–	–	–	–	–	–
3. With cerebral arteriosclerosis	32	24	56	15	19	34	12	4	16	4	–	4	1	1	2
4. General paralysis	12	8	20	3	3	6	5	3	8	4	2	6	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	7	1	8	2	1	3	2	–	2	1	–	1	2	–	2
9. Alcoholic	27	2	29	–	–	–	–	–	–	27	2	29	–	–	–
10. Due to drugs and other exogenous toxins	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	11	16	2	10	12	2	1	3	1	–	1	–	–	–
13. Manic-depressive	21	19	40	11	16	27	8	1	9	2	2	4	–	–	–
14. Involution melancholia	9	7	16	6	6	12	1	1	2	1	–	1	1	–	1
15. Dementia praecox	38	60	98	15	50	65	13	8	21	9	1	10	1	1	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	5	–	5	2	–	2	2	–	2	1	1	2	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	5	5	–	–	–	–	–	–	–	1	1
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	10	7	17	7	6	13	2	–	2	1	1	2	–	–	–
21. Undiagnosed psychoses	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–
22. Without psychosis	2	2	4	1	2	3	–	–	–	1	–	1	–	–	–
Total	175	162	337	66	131	197	52	20	72	52	9	61	5	3	8

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Single			Married			Widowed			Separated			Divorced		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
2. Senile	5	12	17	2	3	5	2	4	6	1	5	6	–	–	–	–	–	–
3. With cerebral arteriosclerosis	32	24	56	2	6	8	14	8	22	16	8	24	–	–	–	–	2	2
4. General paralysis	12	8	20	3	–	3	8	1	9	–	2	2	–	–	–	1	5	6
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	7	1	8	3	1	4	3	–	3	1	–	1	–	–	–	–	–	–
9. Alcoholic	27	2	29	6	–	6	18	1	19	3	–	3	–	–	–	–	1	1
10. Due to drugs and other exogenous toxins	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	11	16	1	1	2	3	7	10	1	1	2	–	1	1	–	1	1
13. Manic-depressive	21	19	40	6	5	11	15	12	27	–	1	1	–	–	–	–	1	1
14. Involution melancholia	9	7	16	1	2	3	6	4	10	1	1	2	1	–	1	–	–	–
15. Dementia praecox	38	60	98	30	28	68	6	25	31	–	5	5	–	–	–	2	2	4
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	5	–	5	2	–	2	3	–	3	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	6	6	–	2	2	–	2	2	–	1	1	–	–	–	–	1	1
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	10	7	17	6	3	9	4	4	8	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	2	–	2	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	2	4	1	1	2	1	1	2	–	–	–	–	–	–	–	–	–
Total	175	162	337	64	52	116	84	72	156	23	24	47	1	1	2	3	13	16

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total
1. Traumatic psychoses	–	–	–
2. Senile psychoses	1	–	1
3. Psychoses with cerebral arteriosclerosis	1	2	3
4. General paralysis	1	–	1
5. Psychoses with cerebral syphilis	–	–	–
6. Psychoses with Huntington's chorea	–	–	–
7. Psychoses with brain tumor	–	–	–
8. Psychoses with other brain or nervous diseases	–	3	3
9. Alcoholic psychoses	5	–	5
10. Psychoses due to drugs and other exogenous toxins	–	–	–
11. Psychoses with pellagra	–	–	–
12. Psychoses with other somatic diseases	–	–	–
13. Manic-depressive psychoses	10	14	24
14. Involution melancholia	2	–	2
15. Dementia praecox	6	27	33
16. Paranoia and paranoid conditions	–	–	–
17. Epileptic psychoes	–	1	1
18. Psychoneuroses and neuroses	–	–	–
19. Psychoses with psychopathic personality	–	–	–
20. Psychoses with mental deficiency	1	3	4
21. Undiagnosed psychoscs	–	–	–
22. Without psychoses	–	–	–
Total	27	50	77

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	2	2	–	–	–	–	1	1	–	1	1
3. With cerebral arteriosclerosis	3	1	4	–	–	–	1	–	1	2	1	3
4. General paralysis	2	1	3	–	–	–	2	1	3	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	2	2	–	–	–	–	2	2	–	–	–
9. Alcoholic	12	3	15	9	2	11	1	1	2	2	–	2
10. Due to drugs and other exogenous toxins	1	2	3	1	1	2	–	1	1	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	6	10	3	3	6	1	3	4	–	–	–
13. Manic-derpessive	16	32	48	11	16	27	2	16	18	3	–	3
14. Involution melancholia	1	3	4	–	2	2	–	1	1	1	–	1
15. Dementia praecox	16	29	45	–	1	1	11	23	34	5	5	10
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	1	1	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	7	7	–	3	3	–	3	3	–	1	1
21. Undiagnosed psychoses	2	–	2	–	–	–	2	–	2	–	–	–
22. Without psychoses	5	5	10	–	–	–	–	–	–	–	–	–
Total	62	94	156	24	29	53	20	52	72	13	8	21

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses*

Causes of Death	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases															
Lethargic encephalitis	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–
General Diseases not Included in Class I															
Cancer and other malignant tumors	–	7	7	–	1	1	–	1	1	–	–	–	–	–	–
Tumor (non-cancerous)	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
Pellagra	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–
Alcoholism (acute or chronic)	2	–	2	–	–	–	–	–	–	–	–	–	2	–	2
Diseases of the Nervous System															
Cerebral hemorrhage, apoplexy	6	4	10	1	1	2	5	1	6	–	1	1	–	–	–
General paralysis of the insane	5	2	7	–	–	–	–	–	–	5	2	7	–	–	–
Diseases of the Circulatory System															
Endocarditis and myocarditis	15	14	29	1	4	5	10	1	11	–	–	–	1	–	1
Other diseases of the heart	2	2	4	–	1	1	1	–	1	–	–	–	1	–	1
Arteriosclerosis	7	1	8	1	–	1	5	1	6	–	–	–	–	–	–
Diseases of the Respiratory System															
Bronchopneumonia	4	1	5	–	1	1	1	–	1	–	–	–	–	–	–
Lobar pneumonia	1	2	3	–	–	–	–	1	1	–	–	–	–	–	–
Diseases of the Digestive System															
Hernia and intestinal obstruction	2	–	2	1	–	1	1	–	1	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa															
Nephritis	4	3	7	–	–	–	–	1	1	–	–	–	–	–	–
External Causes															
Suicide	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Accidental poisoning	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental traumatism	1	4	5	–	3	3	1	–	1	–	–	–	–	–	–
Total	56	44	100	4	11	15	25	8	33	5	3	8	4	–	4

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses* — Concluded

CAUSES OF DEATH	Manic-depressive			Involution melancholia			Dementia praecox			With mental deficiency			*All other psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases															
Lethargic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3
Tuberculosis of the respiratory system	–	–	–	–	–	–	2	1	3	–	–	–	–	–	–
General Diseases not Included in Class I															
Cancer and other malignant tumors	–	1	1	–	–	–	–	4	4	–	–	–	–	–	–
Tumor (non-cancerous)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pellagra	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Diabetes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholism (acute or chronic)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System															
Cerebral hemorrhage, apoplexy	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System															
Endocarditis and myocarditis	–	1	1	2	–	2	1	4	5	–	–	–	–	4	4
Other diseases of the heart	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Diseases of the Respiratory System															
Bronchopneumonia	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–
Lobar pneumonia	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1
Diseases of the Digestive System															
Hernia and intestinal obstruction	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa															
Nephritis	1	1	2	–	–	–	–	–	–	–	–	–	3	1	4
Extrenal Causes															
Suicide	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Accidental poisoning	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental traumatism	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Total	3	3	6	2	–	2	5	11	16	1	–	1	7	8	15

*Includes group 22, "without psychoses".

TABLE 17. *Age of Patients to Time of Death Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			20–24 years			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years			50–54 years			55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	4	11	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	1	2	2	10	12
3. With cerebral arteriosclerosis	25	8	33	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	1	4	4	1	5	18	6	24
4. General paralysis	5	3	8	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	2	2	–	–	–	1	–	1	1	–	1	–	–	–	1	1	2
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	1	3	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	7	12	–	–	–	–	–	–	–	–	–	1	1	2	–	1	1	–	1	1	1	–	1	–	–	–	1	3	4	1	–	1	1	1	2
13. Manic-depressive	3	3	6	–	–	–	–	–	–	1	–	1	–	–	–	–	2	2	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	1	1
14. Involution melancholia	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
15. Dementia praecox	5	11	16	1	–	1	1	–	1	–	–	–	–	1	1	–	1	1	1	1	2	–	2	2	1	1	2	–	–	–	1	3	4	–	2	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	56	44	100	1	–	1	1	–	1	2	–	2	1	2	3	4	4	8	2	5	7	2	2	4	2	1	3	9	4	13	9	5	14	23	21	44

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified with Reference to Principal Psychoses*

Psychoses	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	4	11	15	–	–	–	–	1	1	–	2	2	1	1	2	3	3	6	–	2	2
3. With cerebral arteriosclerosis	25	8	33	4	–	4	4	1	5	3	–	3	4	–	4	7	6	13	2	1	3
4. General paralysis	5	3	8	–	–	–	1	–	1	–	1	1	–	–	–	2	1	3	–	1	1
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	2	1	3	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1
9. Alcoholic	4	–	4	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	5	7	12	2	1	3	1	2	3	1	1	2	–	–	–	–	2	2	1	–	1
13. Manic-depressive	3	3	6	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
14. Involution melancholia	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
15. Dementia praecox	5	11	16	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	3	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	56	44	100	10	1	11	7	4	11	4	4	8	5	2	7	15	12	27	4	8	12

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded

PSYCHOSES	5–6 years			7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Senile	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9. Alcoholic	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13. Manic-depressive	–	–	–	1	1	2	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–
14. Involution melancholia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15. Dementia praecox	–	–	–	1	1	2	1	1	2	1	1	2	–	1	1	–	2	2	1	1	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	4	2	6	2	2	4	1	2	3	1	1	2	–	2	2	1	3	4	2	1	3

TABLE 19. *Family Care Department*

	Males	Females	Total
Remaining in Family Care October 1, 1931	–	5	5
On visit from Family Care October 1, 1931	–	–	–
Admitted during year	–	–	–
Whole number of cases within the year	–	6	6
Dismissed within the year	–	–	–
Returned to institution	–	2	2
Discharged	–	–	–
On visit	–	–	–
Remaining in Family Care September 30, 1932	–	4	4
Supported by the State	–	2	2
Private	–	2	2
Self-supporting	–	–	–
Number of different persons within the year	–	6	6
Number of different persons dismissed	–	–	–
Number of different persons admitted	–	–	–
Average daily number in family care during the year	–	5.3	5.3
Supported by the State	–	3.2	3.2
Private	–	.2	.2
Self-supporting	–	–	–

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Public Document No. 21

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1933

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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Mr. Albert M. Darling, Sunderland
Mr. Charles W. King, Chicopee Falls
John C. O'Brien, M.D., Greenfield
Mrs. Jessie Bassett, Northampton

RESIDENT OFFICERS

Edward W. Whitney, M.D., *Superintendent*
Elizabeth Kundert, M.D., *Senior Physician to Out-Patient and Social Service Departments*
Albert U. Bourcier, M.D., *Senior Physician*
Rhoda U. Musgrave, M.D., *Senior Physician*
B. Edwin Zawacki, M.D., *Assistant Physician*
Ruth M. Thompson, M.D., *Assistant Physician*
Kendall B. Crossfield, M.D., *Assistant Physician*
——— ———, *Assistant Physician*
Lucien H. Harris, D.D.S., *Dentist*
Frank W. Smith, *Steward*

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Lee W. Sinclair, *Chief Engineer*
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George W. Pareseau, *Pharmacist*
Alice E. Bedell, R.N., *Superintendent of Nurses*
Mary-Ellen Hayes, *Psychiatric Social Worker*
Pearl E. Beaton, *Head Occupational Therapist*
Anna G. Rogers, *Dietitian*
Ella R. Pareseau, *Head Housekeeper*

TRUSTEES' REPORT

To His Excellency, the Governor of the Commonwealth and the Honorable Council:

The Trustees of the Northampton State Hospital have the honor to present their report for the year ending November 30, 1933.

The daily average number of patients was 1,776.07 as compared with 1,672.7 the previous year. The weekly cost of maintenance was $4.6559 per capita.

The Superintendent's report gives in detail the activities of the medical and other departments.

Dr. Edward W. Whitney, assistant superintendent in this hospital since 1917 and acting superintendent following the death of Dr. Theodore A. Hoch on August 4, 1932, was appointed Superintendent November 8, 1933.

The new male attendant's home with a capacity of 100 was opened in August of this year. It is an excellent building and well furnished. The comfortable quarters add much to the contentment of the employees.

One of the houses on Chapel Street, recently acquired by the State, was repaired and redecorated and is now occupied by a member of the staff. We have asked for money this year to make over an adjoining house for a similar purpose.

We were unable to cut any ice last winter, because of the mild weather and it was necessary to haul ice from the Belchertown State School for most of the year. Money was provided in the fall to install an ice making machine with the capacity of one-half ton, and also a machine to cool the milk and refrigerating rooms.

The hydraulic elevators to the serving rooms on the wards in the main hospital are in the process of being equipped with safety devices.

We wish to call your attention to our need of a hospital building. With 1,800 patients and 327 employees the necessity for a hospital to care for the physically ill is apparent. The wards for the acutely disturbed patients are over-crowded and

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such over-crowding increases and prolongs their excitement. A new kitchen and cafeteria for patients in the main hospital is an immediate necessity. The serving of food in the many small dining rooms on the wards in the main hospital is wasteful, and the supervision of patients at their meals is difficult. The setting of dining-tables in the day spaces, made necessary by the over-crowding in the small dining rooms, adds to the confusion and increases the difficulties of housekeeping.

In the main hospital there are no smoking quarters for the patients in the winter months. An architect, who has inspected the basements, informs us that no room can be made available there for this purpose. When, and if, a cafeteria is built to serve the patients in the main hospital we hope a smoking room will be provided in its basement. If two new ward buildings are erected on the west side of the main group it will bring the wards too close to Laurel Street. The land on the other side of Laurel Street should be purchased and the street re-located.

A new cold storage plant to replace the present one is an immediate necessity, because the rottening of its supporting timbers makes the present building dangerous.

Respectfully submitted,

Mr. Walter L. Stevens, *Chairman*
Mrs. Emily N. Newton, *Secretary*
Dr. Laurence D. Chapin
Mr. Albert M. Darling,
Mr. Charles W. King
Dr. John C. O'Brien
Miss Caroline A. Yale
Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I submit my report for the year 1933.

Movement of Population

The number of patients on our books October 1, 1932 was 1,888. There were admitted during the year 529 patients, making a total of 2,417 under care and treatment during the year. There were discharged to their relatives and transferred to other institutions 231 patients. There were 135 deaths, leaving 2,051 patients on our books September 30, 1933 of which 1,808 were in the hospital and 243 on visit or otherwise absent.

Medical Activities

The following changes were made on our medical staff during 1933: —

On November 8, 1933 Dr. Edward W. Whitney, acting superintendent since Dr. Theodore A. Hoch's death in 1932, was appointed Superintendent.

Dr. Harriet W. Whitney, senior out-patient physician and connected with the hospital since 1900, resigned.

Dr. Elizabeth Kundert, senior physician on the female service, was appointed senior physician to the out-patient department.

Dr. Rhoda U. Musgrave, assistant physician, was appointed senior physician in charge of the female service.

There is one vacancy, for an assistant physician, which we hope to fill in the near future.

Out-Patient Department

Out-patient clinics are held in Springfield, North Adams, Greenfield and Pittsfield once a month and we see out-patients at the hospital whenever they come. Two hundred and ninety-five patients, who were out on visit, reported to these clinics and inquiries were made by relatives concerning 571 patients, who were inmates of the hospital. There were 100 cases referred for advice by social agencies; 5 by the schools; 35 by physicians; 2 by other institutions; 13 by relatives and 5 of their own volition. There were 155 cases referred by the Courts. The total number of individuals handled by our out-patient physician was 1,731.

The out-patient physician continues to give her services one day a week to the Juvenile Court in Springfield.

Of the 546 children examined by the school clinic, — 346 were first examinations and 200 were re-examinations.

The Social Service Department

In November 1932 Miss Mary-Ellen Hayes was appointed to fill the position left vacant by Miss Adelaide Putnam, who resigned, and in September, 1933 a volunteer

worker, Elizabeth Schuh, joined the staff for a period of three months when she resigned to take a permanent position.

There were 620 visits made to patients, relatives and social agencies in regard to 296 of the patients who were on visit during the year.

Our social worker continues to give her services to the child guidance clinics in Holyoke and Northampton and this work takes considerable of her time which should be devoted to hospital patients.

During the past year 437 clinic appointments were made at 81 clinics, where 112 children were seen. There were also 394 visits made by the social worker to the homes of these children.

There are child guidance clinics still being conducted in Holyoke and Northampton. A local committee in each city is gradually assuming responsibilities for these clinics. In Holyoke the Junior Service Corps has interested itself in the clinics to the extent of providing two volunteer play-room supervisors, two receptionists and a volunteer clerk. They are also providing a speech worker and psychologist. The psychiatrist and social service worker have been doing considerable educational work by speaking before church societies and parent-teachers' organizations.

Occupational Therapy Department

The hospital had a very busy year in this department, as the workers not only supervised the occupational therapy classes but made costumes for plays, minstrels, patients' masquerade dances and decorated the chapel for entertainments and parties, employing the patients largely in these activities. Classes are conducted in the new ward buildings across the road, infirmary and the occupational therapy room. Some member of the department visits frequently on the female wards in an effort to interest the patients who are unable to attend classes, in some occupation which will have a therapeutic value.

Assemblies of Patients

There were 153 assemblies in the chapel during the year. These assemblies consisted of religious services, dances, vocal and instrumental concerts, minstrels, plays, motion pictures and parties.

We had a very active baseball season. Not only did the patients, who played in these games, enjoy themselves but also a large number of spectators who were patients.

The Club House, with bowling, cards, ping-pong, radio and various other forms of amusements was much enjoyed by both male and female patients, especially during the winter months when many of them do not get out of doors.

Farm

The farm made an excellent showing. The Grant property became available this year and was devoted largely to hay, although some potatoes and corn were grown on the better parts of the land. After the crops were harvested quite an extensive drainage system was begun and this will make the land more valuable for farm purposes.

The silage crop was 431 tons. There were over 1,800 bushels of potatoes harvested and 340 tons of hay, the largest crop of hay harvested for many years. The garden crop as a whole was very satisfactory.

The following is the weight in pounds of the crop harvested during the year: — string beans, 15,868; parsnips, 28,500; beets, 55,777; winter squash, 26,800; cabbage, 99,852; turnips, 35,500; carrots, 49,553; tomatoes, 86,500; sweet corn, 33,000; onions, 28,686.

Of the above garden crops there were 142,000 pounds sent to the canning room.

The poultry made a new high production record. There were 72,777 pounds of fowl and broilers; 12,466 dozen of eggs.

The dairy produced 797,899 pounds of milk, a little more than last year.

The swine herd made an exceptional record this year, with a production of 104,077 pounds of dressed pork.

Much more work will be necessary in draining several of the fields, especially the Grant and Day properties, if the crop production is to be increased.

Repairs and Improvements

Each year the amount of repairs and improvements necessary in the upkeep of

the hospital becomes larger. The following is only a brief list of repairs: —

Replastered and painted the employees' home South.

Replastered, painted and replaced all the old electric cables with BX on the first floors of the North Infirmary.

The installment of the electric call system for the A, B and C Buildings is 50% completed.

Installed a cooling system for the milk and refrigerating rooms.

Installation of an ice making machine.

Work has been started installing safety appliances on the hydraulic food elevators.

The usual necessary repairs were made on the boilers.

Two radiators in the North Infirmary stair towers.

A complete heating system in house No. 16.

Wall radiators in the toilets and bathrooms on the first and second halls North and also in the hydro suite South.

A retort in the canning room.

Galvanized wire guards on the sealing machine and string bean cutter in the canning room.

A track and hoist over the kettles in the cannery.

Conduits in the center basement, carpenter shop and attic over the toilet rooms

Three street lights from the Club House to the North Infirmary.

Nine new lavatories and three toilets on the second halls South.

Three continuous bath tubs on the first halls North.

Copper hot water boilers in house No. 2, Day House and Club House.

A monel metal sink to replace a porcelain sink in the serving room on N. I. 2.

The baseball diamond regraded and a new back-stop erected.

Rewired house No. 16.

Electrical fixtures were replaced in the dining-room, toilet room, bathroom and dormitory on lower first South; in the bathroom, dining-room and dormitory on middle first South; in the bathroom, toilet room and dormitory on lower second South and middle second North and in the bathroom, toilet room, dining-room and dormitory on upper second North.

All fire extinguishers were recharged.

Graded around the new Male Attendants' Home.

More canning of fruits and vegetables was done this year than any other year in the history of the institution. The total weight of the vegetables and fruits canned was 950,951 pounds. In addition we put up nine 30 gallon crocks of cucumbers and dill pickles and 400,464 pounds of sauer-kraut.

The ward in the Earl Building is not suitable for patients and it will be necessary to transfer them to other wards, which are already over-crowded. Unless we are given a new storage building this year, the first floor of the Earl Building will be used for clothing and dry goods storage, — the upper story will be used as an Industrial Room.

Due to a reduction in the allowance for entertainments, the money provided for this purpose was expended in the early spring and moving pictures had to be discontinued until December 1, 1933, much to the disappointment of the patients.

This yearthe dances for patients will be given every two weeks instead of weekly in order to have funds available for movies in the fall.

From April until November, I acted as Assistant to the Commissioner four days a week, spending the remaining three days at the hospital.

It speaks well for the organization at the hospital that it functioned so well under this handicap, and I am very grateful to the employees for their loyalty and help during this period.

I wish to thank the many friends of the hospital for their gifts of money, books and magazines for the benefit of the patients.

I wish to express my appreciation to the Trustees for the advice and encouragement which they gave me during the past year.

Respectfully submitted,

Edward W. Whitney, M.D.

Superintendent.

VALUATION

November 30, 1933

REAL ESTATE

Land, 550.75 acres	$173,665.00
Buildings	1,954,828.06
	$2,128,493.06

PERSONAL PROPERTY

Travel, transportation and office expenses	1,860.80
Food	9,759.80
Clothing and materials	21,918.16
Furnishings and household supplies	107,904.16
Medical and general care	2,315.45
Heat and other plant operation	5,833.45
Farm	57,190.65
Garage and grounds	2,070.54
Repairs	10,667.11
	$219,520.12

SUMMARY

Real estate	$2,128,493.06
Personal property	219,520.12
	$2,348,013.18

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1933.

STATEMENT OF EARNINGS

Board of patients		$94,107.83
Personal services:		
Reimbursement from Board of Retirement		161.55
Sales:		
Food	$16.69	
Clothing and materials	30.10	
Furnishings and household supplies (Books)	224.95	
Medical and general care (Thermometer)	42.00	
Garage and grounds	15.00	
Repairs ordinary	133.61	
Farm (itemize) Cows $125.; bbls, $17.00; hides, $41.68; tallow, $1.18; bags, $22.50; wood, $122.32; vegetables $7.25; skins, $1.24; stanchions, $26.00; mowing machine, $20.00	434.17	
Total sales		896.52
Miscellaneous:		
Interest on bank balances	$297.31	
Rents	1,802.38	
Sundries	9.10	
Total, miscellaneous		2,108.79
Total earnings for the year		$97,274.69

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward		$12,426.15
Appropriation, current year		442,735.00
Total		$455,161.15
Expenditures as follows:		
1. Personal services	$238,923.89	
2. Food	70,210.70	
3. Medical and general care	5,924.02	
4. Religious instruction	1,312.32	
5. Farm	17,015.44	
6. Heat and other plant operation	44,225.11	
7. Travel, transportation and office expenses	5,467.74	
8. Garage and grounds	2,923.97	
9. Clothing and materials	7,796.80	
10. Furnishings and household supplies	19,876.87	
11. Repairs ordinary	11,296.87	
12. Repairs and renewals	2,604.07	
Total maintenance expenditures		$427,577.80
Balance of maintenance appropriation, November 30, 1933		27,583.35

SPECIAL APPROPRIATIONS

Balance December 1, 1932, brought forward		$90,774.81
Appropriations for current year		—
Total		$90,774.81
Expended during the year (see statement below)	$64,456.26	
Reverting to Treasury of Commonwealth	1,361.55*	
(Star balances below that are reverting)		65,817.81
Balance November 30, 1933, carried to next year		$24,957.00

Appropriation	Acts or Resolve Ch. Year	Amount Appropriated	Expended during Fiscal Year	Total Expended to Date	Balance at End of year
Power equipment	115–1930	$11,000.00	–	$10,946.41	$53.59*
Additional land	170–1932	75,000.00	28,976.85	52,411.34	22,588.66
Male nurses home	245–1931	150,000.00	23,570.63	148,730.25	1,269.75
Purchase of X-ray equipment	245–1931	5,100.00	–	4,994.41	105.59*
Furnishings male ward C.	245–1931	17,500.00	2,052.89	16,297.63	1,202.37*
Furn. male attendance's home	170–1932	13,500.00	9,855.89	12,401.41	1,098.59
		$272,100.00	$64,456.26	$245,781.45	$26,318.55

Per Capita

During the year the average number of patients has been, 1,766.07.
Total cost of maintenance $427,577.80.
Equal to a weekly per capita cost of (52 weeks to year), $4.6559.
Total receipts for the year, $97,274.69.
Equal to a weekly per capia of, $1.0593.
Total net cost of maintenance for year (Total maintenance less total receipts), $330,303.11.
Net weekly per capita, $3.5966.

Respectfully submitted,
Eva L. Graves,
Treasurer.

STATISTICAL TABLES

As Adopted by the American Psychiatric Association Prescribed by the Massachusetts Department of Mental Diseases

Table 1. *General Information*

Data correct at end of hospital year November 30, 1933

1. Date of *opening* as a hospital for mental diseases, August 16, 1858.
2. Type of hospital: State.
3. Hospital plant:
   Value of hospital property:
   Real estate, including buildings . . . $2,128,493.06
   Personal property . . . 219,520.12
   Total . . . $2,348,013.18
   Total acreage of hospital property owned, 550¾
   Additional acreage rented, 350.
   Total acreage under cultivation during previous year, 236.
4. Offices and employees:

	Actually in Service at of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	–	1	–	–	–
Assistant physicians	3	3	6	1	1	2
Clinical assistants	–	–	–	2	1	3
Total physicians	4	3	7	3	2	5
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	20	20	–	–	–
Other nurses and attendants	85	66	151	2	6	8
Occupati onal therapists	1	2	3	–	1	1
Social workers	–	2	2	–	–	–
All other officers and employees	68	51	119	5	–	5
Total officers and employees	161	144	305	10	9	19

Note: — The following items, 5–10, inclusive are for the year ended September 30, 1933.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
White	M.	F.	T.	M.	F.	T.
Insane	789	969	1,758	115	125	240
Mental defectives	19	17	36	2	–	2
All other cases	1	–	1	–	–	–
Total	809	986	1,795	117	125	242
Other Races:						
Insane	6	7	13	1	–	1
Total	6	7	13	1	–	1
Grand Total	815	993	1,808	118	125	243

	Males	Females	Total
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report	9	251	260
7. Other patients employed in general work of hospital on date of report	271	163	434
8. Average daily number of all patients actually in hospital during year	798.13	947.98	1,746.11
9. Voluntary patients admitted during year	2	–	2
10. Persons given advice or treatment in out-patient clinics during year	110	183	293

TABLE 2. *Financial Statements*

See Treasurer's report for data requested under this table.

NOTE: — The following tables 3–20 inclusive, are for the statistical year ended September 30, 1933.

TABLE 3. *Movement of Patient Population*

	Regular Court Commitment (Insane)			Voluntary			Temporary Care			Observation			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1932	827	1,035	1,862	3	1	4	2	–	2	12	8	20	844	1,044	1,888
Admissions during year:															
First admissions	189	189	378	1	–	1	10	3	13	18	11	29	218	203	421
Readmissions	41	55	96	1	–	1	–	2	2	1	–	1	43	57	100
Transfers from other hospitals for mental diseases	3	5	8	–	–	–	–	–	–	–	–	–	3	5	8
Total received during year	233	249	482	2	–	2	10	5	15	19	11	30	264	265	529
Total on books during year	1,060	1,284	2,344	5	1	6	12	5	17	31	19	50	1,108	1,309	2,417
Discharged from books during year															
As recovered	30	25	55	–	–	–	3	1	4	5	3	8	38	29	67
As improved	32	70	102	1	–	1	3	–	3	1	–	1	37	70	107
As unimproved	8	6	14	1	1	2	3	3	6	–	1	1	12	11	23
As without psychosis	4	–	4	1	–	1	2	1	3	7	5	12	14	6	20
Transferred to other hospitals for mental diseases	13	1	14	–	–	–	–	–	–	–	–	–	13	1	14
Died during year	55	73	128	–	–	–	1	–	1	5	1	6	61	74	135
Total discharged, transferred and died during year	142	175	317	3	1	4	12	5	17	18	10	28	175	191	366
Insane patients remaining on books of hospital at end of hospital year:															
In hospital	801	984	1,785	2	–	2	–	–	–	12	9	21	815	993	1,808
On parole or otherwise absent	117	125	242	–	–	–	–	–	–	1	–	1	118	125	243
Total	918	1,109	2,027	2	–	2	–	–	–	13	9	22	933	1,118	2,051

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	124	122	246	54	60	47	60	65	56
Austria	–	5	5	1	1	1	6	5	5
Canada[1]	16	10	26	31	26	24	30	23	21
Czecho-Slovakia	3	–	3	4	4	4	–	1	–
England	2	7	9	2	4	2	11	11	10
Finland	1	–	1	1	1	1	–	–	–
France	–	1	1	1	–	–	2	2	2
Germany	2	1	3	2	3	2	2	1	1
Hungary	–	1	1	–	–	–	1	1	1
Ireland	7	12	19	28	25	23	33	36	31
Italy	10	4	14	15	14	14	7	7	7
Norway	–	1	1	–	–	–	–	–	–
Poland	19	11	30	28	29	28	14	14	14
Russia	2	5	7	5	4	4	7	6	6
Scotland	1	3	4	4	2	2	4	4	3
Sweden	1	3	4	2	3	2	3	3	3
Switzerland	1	–	1	2	2	1	–	–	–
Turkey in Europe	–	1	1	–	–	–	1	1	1
Wales	–	–	–	1	1	1	–	–	–
Other countries	–	1	1	1	2	1	1	1	1
Unascertained	–	1	1	7	8	5	7	8	5
Total	189	189	378	189	189	162	189	189	167

[1]Includes Newfoundland.

TABLE 4-A. *Age of First Admissions Classified with Reference to Nativity and Length of Residence in the United States of the Foreign Born*

Age Groups	Aggregate			Native Born															Foreign Born											
				Total			Parentage												Total			Time in U. S. before Admission									Nativity
							Native			Foreign			Mixed			Unascertained						Under 9 years			10–14 years			15 years and over			unascertained
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years	1	1	2	1	1	2	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	10	7	17	10	5	15	3	3	6	4	2	6	3	–	3	–	–	–	–	2	2	–	–	–	–	–	–	–	2	2	–	–	–
20–24 years	17	8	25	15	8	23	4	2	6	8	4	12	2	2	4	1	–	1	2	–	2	–	–	–	–	–	–	2	–	2	–	–	–
25–29 years	18	5	23	14	5	19	3	2	5	7	1	8	3	2	5	1	–	1	4	–	4	–	–	–	–	–	–	4	–	4	–	–	–
30–34 years	22	19	41	20	11	31	7	5	12	6	6	12	7	–	7	–	–	–	2	8	10	–	–	–	–	–	–	2	8	10	–	–	–
35–39 years	14	15	29	9	8	17	4	2	6	3	1	4	2	5	7	–	–	–	5	7	12	–	–	–	–	–	–	5	7	12	–	–	–
40–44 years	21	24	45	16	16	32	9	5	14	4	4	8	2	6	8	1	1	2	5	8	13	–	–	–	–	–	–	5	8	13	–	–	–
45–49 years	15	13	28	5	6	11	3	2	5	1	1	2	1	3	4	–	–	–	10	7	17	–	–	–	–	–	–	10	7	17	–	–	–
50–54 years	12	19	31	5	11	16	1	5	6	3	5	8	1	1	2	–	–	–	7	8	15	–	–	–	–	–	–	7	8	15	–	–	–
55–59 years	14	14	28	4	10	14	2	6	8	2	4	6	–	–	–	–	–	–	10	4	14	–	–	–	–	–	–	10	4	14	–	–	–
60–64 years	11	10	21	6	5	11	3	3	6	3	1	4	–	–	–	–	1	1	5	5	10	–	–	–	–	–	–	5	5	10	–	–	–
65–69 years	8	10	18	5	5	10	2	1	3	2	4	6	1	–	1	–	–	–	3	5	8	–	–	–	–	–	–	3	5	8	–	–	–
70 years and over	26	44	70	14	31	45	6	19	25	5	9	14	3	1	4	–	2	2	12	13	25	–	–	–	–	–	–	12	12	24	–	1	1
Total	189	189	378	124	122	246	47	56	103	48	42	90	26	20	46	3	4	7	65	67	132	–	–	–	–	–	–	65	66	131	–	1	1

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	124	122	246
Citizens by naturalization	34	24	58
Aliens	26	31	57
Citizenship unascertained	5	12	17
Total	189	189	378

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				4	–	4
2. Senile psychoses				7	26	33
3. Psychoses with cerebral arteriosclerosis				30	32	62
4. General paralysis				19	6	25
5. Psychoses with cerebral syphilis				1	1	2
6. Psychoses with Huntington's chorea				–	–	–
7. Psychoses with brain tumor				–	–	–
8. Psychoses with other brain or nervous diseases, total				6	4	10
Multiple sclerosis	1	1	2			
Tabes doraslis	–	1	1			
Other diseases	5	2	7			
9. Alcoholic psychoses, total				28	1	29
Delirium tremens	2	–	2			
Korsakow's psychosis	3	–	3			
Acute hallucinosis	13	1	14			
Other types, acute or chronic	10	–	10			
10. Psychoses due to drugs and other exogenous toxins, total				–	1	1
Other exogenous toxins	–	1	1			
11. Psychoses with pellagra				–	–	–
12. Psychoses with other somatic diseases, total				4	13	17
Post-infectious psychosis	–	1	1			
Cardio-renal diseases	2	1	3			
Other diseases or conditions	2	11	13			
13. Manic-depressive psychoses, total				15	14	29
Manic type	6	5	11			
Depressive type	7	9	16			
Other types	2	–	2			
14. Involution melancholia				10	5	15
15. Dementia praecox (schizophrenia)				56	78	134
16. Paranoia and paranoid conditions				–	–	–
17. Epileptic psychoses				1	–	1
18. Psychoneuroses and neuroses, total				1	2	3
Hysterical type	–	1	1			
Neurasthenic type	1	1	2			
19. Psychoses with psychopathic personality				–	–	–
20. Psychoses with mental deficiency				4	6	10
21. Undiagnosed psychoses				1	–	1
22. Without psychosis, total				2	–	2
Epilepsy without psychosis	1	–	1			
Alcoholism without psychosis	1	–	1			
Total				189	189	378

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis			General paralysis			With cerebral syphilis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	1	3	4	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Chinese	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	26	43	69	–	–	–	2	10	12	9	10	19	3	–	3	–	–	–
Finnish	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
French	34	32	66	–	–	–	–	1	1	4	4	8	4	2	6	–	–	–
German	3	7	10	1	–	1	–	2	2	1	1	2	1	–	1	–	–	–
Greek	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	3	6	9	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Irish	35	41	76	–	–	–	1	6	7	9	9	18	3	2	5	1	1	2
Italian[1]	15	7	22	–	–	–	1	–	1	1	1	2	3	–	3	–	–	–
Lithuanian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	6	8	14	–	–	–	–	1	1	–	3	3	2	–	2	–	–	–
Slavonic[3]	38	18	56	3	–	3	2	1	3	2	–	2	2	–	2	–	–	–
Syrian	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Mixed	20	13	33	–	–	–	1	3	4	2	4	6	1	–	1	–	–	–
Race unascertained	3	5	8	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–
Total	189	189	378	4	–	4	7	26	33	30	32	62	19	6	25	1	1	2

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous toxins			With other somatic diseases			Manic-depressive			Involution melancholia		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Chinese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	1	1	1	–	1	–	–	–	2	3	5	3	2	5	–	1	1
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	2	–	2	7	1	8	–	1	1	–	2	2	1	5	6	2	1	3
German	–	1	1	–	–	–	–	–	–	–	2	2	–	1	1	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	2	–	2	–	2	2	–	–	–
Irish	–	1	1	7	–	7	–	–	–	–	1	1	3	1	4	3	1	4
Italian[1]	–	–	–	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	1	–	1	–	–	–	–	1	1	–	1	1	–	–	–
Scotch	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	2	3
Slavonic[3]	3	1	4	8	–	8	–	–	–	–	1	1	1	1	2	2	–	2
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	1	–	1	1	–	1	–	–	–	–	2	2	5	–	5	1	–	1
Race unascertained	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	1	–	1
Total	6	4	10	28	1	29	–	1	1	4	13	17	15	14	29	10	5	15

[1]Includes "North" and "South."
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Dementia praecox			Epileptic psychoses			Psycho-neuroses and neuroses			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Chinese	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Englisl	6	14	20	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	12	12	24	–	–	–	–	1	1	1	2	3	–	–	–	1	–	1
German	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greek	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	7	19	26	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Italian[1]	7	6	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuanian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	1	2	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Slavonic[3]	13	13	26	1	–	1	–	–	–	–	1	1	1	–	1	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	6	4	10	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Race unascertained	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1
Total	56	78	134	1	–	1	1	2	3	4	6	10	1	–	1	2	–	2

[1]Includes "North" and "South."
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15–19 years			20–24 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	–	4	–	–	–	–	–	–	1	–	1
2. Senile	7	26	33	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	30	32	62	–	–	–	–	–	–	–	–	–
4. General paralysis	19	6	25	–	–	–	–	–	–	1	–	1
5. With cerebral syphilis	1	1	2	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	4	10	1	–	1	–	–	–	1	–	1
9. Alcoholic	28	1	29	–	–	–	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	13	17	–	–	–	–	2	2	–	–	–
13. Manic-depressive	15	14	29	–	1	1	–	–	–	1	1	2
14. Involution melancholia	10	5	15	–	–	–	–	–	–	–	–	–
15. Dementia praecox	56	78	134	–	–	–	9	4	13	12	7	19
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	–	–	–	–	–	–	1	–	1
18. Psychoneuroses and neuroses	1	2	3	–	–	–	–	–	–	–	–	–
19. With psycnopathic personality	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	6	10	–	–	–	1	1	2	–	–	–
21 Undiagnosed psychoses	1	–	1	–	–	–	–	–	–	–	–	–
22 Without psychosis	2	–	2	–	–	–	–	–	–	–	–	–
Total	189	189	378	1	1	2	10	7	17	17	8	25

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued

PSYCHOSES	25–29 years			30–34 years			35–39 years			40–44 years			45–49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
2. Senile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4. General paralysis	1	1	2	2	1	3	2	–	2	3	1	4	4	–	4
5. With cerebral syphilis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	–	1	–	–	–	–	1	1	1	1	2	2	1	3
9. Alcoholic	–	–	–	5	–	5	2	–	2	7	1	8	3	–	3
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	–	–	2	1	3	–	2	2	–	–	–	–	1	1
13. Manic-depressive	3	–	3	3	1	4	2	3	5	2	3	5	3	2	5
14. Involution melancholia	–	–	–	–	–	–	–	–	–	1	1	2	1	1	2
15. Dementia praecox	11	3	14	9	14	23	5	9	14	5	15	20	2	6	8
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	1	2	–	–	–	1	–	1	–	1	1	–	2	2
21. Undiagnosed psychoses	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Total	18	5	23	22	19	41	14	15	29	21	24	45	15	13	28

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	50–54 years			55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
2. Senile	–	–	–	1	–	1	1	3	4	3	6	9	2	17	19
3. With cerebral arteriosclerosis	2	3	5	1	4	5	3	3	6	1	4	5	23	18	41
4. General paralysis	–	–	–	2	1	3	2	–	2	2	–	2	–	2	2
5. With cerebral syphilis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
9. Alcoholic	5	–	5	4	–	4	1	–	1	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	–	1	1	1	1	2	–	1	1	1	–	1	–	4	4
13. Manic-depressive	1	1	2	–	1	1	–	1	1	–	–	–	–	–	–
14. Involution melancholia	3	1	4	2	2	4	2	–	2	1	–	1	–	–	–
15. Dementia praecox	–	12	12	2	4	6	1	2	3	–	–	–	–	2	2
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	12	19	31	14	14	28	11	10	21	8	10	18	26	44	70

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illiterate			Reads and writes			Common School			High School			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	–	4	1	–	1	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–
2. Senile	7	26	33	2	1	3	3	5	8	1	12	13	1	2	3	–	1	1	–	5	5
3. With cerebral arteriosclerosisis	30	32	62	4	–	4	1	4	5	16	19	35	4	4	8	1	2	3	4	3	7
4. General paralysis	19	6	25	1	–	1	2	1	3	12	4	16	4	1	5	–	–	–	–	–	–
5. With cerebral syphilis	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	1	–	1
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	4	10	–	–	–	–	–	–	5	1	6	1	1	2	–	1	1	–	1	1
9. Alcoholic	28	1	29	4	–	4	5	1	6	16	–	16	3	–	3	–	–	–	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	13	17	–	–	–	1	–	1	3	9	12	–	3	3	–	–	–	–	1	1
13. Manic-depressive	15	14	29	–	2	2	–	1	1	11	7	18	3	3	6	1	1	2	–	–	–
14. Involution melancholia	10	5	15	1	1	2	3	–	3	4	2	6	1	2	3	–	–	–	1	–	1
15. Dementia praecox	56	78	134	4	6	10	4	12	16	33	40	73	14	15	29	1	2	3	–	3	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	1	2	3	–	–	–	–	–	–	1	1	2	–	1	1	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	6	10	1	–	1	1	1	2	2	5	7	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
22. Without psychoses	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
Total	189	189	378	18	10	28	20	25	45	110	101	211	31	32	63	4	7	11	6	14	20

TABLE 10. *Population of Place of Residence of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			0–2,499			2,500–9,999			10,000–24,999			25,000–49,999			50,000–99,999			100,000–249,999			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T
1. Traumatic	4	–	4	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	2	–	2	–	–	–
2. Senile	7	26	33	2	2	4	1	5	6	–	4	4	1	3	4	1	2	3	2	10	12	–	–	–
3. With cerebral arteriosclerosis	30	32	62	5	1	6	4	7	11	6	4	10	3	4	7	2	3	5	10	13	23	–	–	–
4. General paralysis	19	6	25	–	–	–	2	1	3	5	–	5	4	–	4	1	–	1	7	5	12	–	–	–
5. With cerebral syphilis	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	4	10	1	–	1	1	–	1	2	1	3	1	–	1	1	–	1	–	3	3	–	–	–
9. Alcoholic	28	1	29	3	–	3	4	–	4	6	–	6	3	–	3	3	–	3	9	1	10	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	13	17	1	1	2	–	1	1	1	4	5	–	2	2	–	1	1	2	4	6	–	–	–
13. Manic-depressive	15	14	29	2	2	4	1	–	1	5	6	11	5	1	6	–	2	2	2	3	5	–	–	–
14. Involution melancholia	10	5	15	–	–	–	3	1	4	3	1	4	2	–	2	2	1	3	–	2	2	–	–	–
15. Dementia praecox	56	78	134	6	5	11	9	11	20	11	13	24	13	10	23	2	6	8	14	33	47	1	–	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
18. Psychoneuroses and neuroses	1	2	3	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	6	10	–	–	–	3	1	4	–	2	2	–	–	–	–	–	–	1	2	3	–	1	1
21. Undiagnosed psychoses	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Total	189	189	378	20	11	31	29	28	57	40	36	76	35	20	55	14	15	29	50	78	128	1	1	2

TABLE 11. *Economic Conditions of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	–	4	–	–	–	4	–	4	–	–	–	–	–	–
2. Senile	7	26	33	1	8	9	2	6	8	4	7	11	–	5	5
3. With cerebral arteriosclerosis	30	32	62	8	11	19	8	9	17	10	7	17	4	5	9
4. General paralysis	19	6	25	1	1	2	11	5	16	6	–	6	1	–	1
5. With cerebral syphilis	1	1	2	–	1	1	–	–	–	1	–	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	4	10	1	–	1	4	2	6	1	1	2	–	1	1
9. Alcoholic	28	1	29	–	1	1	23	–	23	5	–	5	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	13	17	2	6	8	1	7	8	1	–	1	–	–	–
13. Manic-depressive	15	14	29	2	4	6	10	9	19	3	–	3	–	1	1
14. Involution melancholia	10	5	15	1	2	3	5	2	7	3	1	4	1	–	1
15. Dementia praecox	56	78	134	4	23	27	44	32	76	8	14	22	–	9	9
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
18. Psychoneuroses and neuroses	1	2	3	–	–	–	1	2	3	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	6	10	1	3	4	3	3	6	–	–	–	–	–	–
21. Undiagnosed psychoses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
22. Without psychosis	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–
Total	189	189	378	21	60	81	120	77	197	42	31	73	6	21	27

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	–	4	1	–	1	1	–	1	2	–	2	–	–	–
2. Senile	7	26	33	4	19	23	1	3	4	2	–	2	–	4	4
3. With cerebral arteriosclerosis	30	32	62	16	24	40	5	6	11	5	–	5	4	2	6
4. General paralysis	19	6	25	14	3	17	4	3	7	1	–	1	–	–	–
5. With cerebral syphilis	1	1	2	–	–	–	1	–	1	–	1	1	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	4	10	3	1	4	2	2	4	1	–	1	–	1	1
9. Alcoholic	28	1	29	–	–	–	–	–	–	28	1	29	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	13	17	3	8	11	–	3	3	–	1	1	1	1	2
13. Manic-depressive	15	14	29	4	10	14	6	4	10	5	–	5	–	–	–
14. Involution melancholia	10	5	15	3	4	7	4	1	5	2	–	2	1	–	1
15. Dementia praecox	56	78	134	26	57	83	23	13	36	6	3	9	1	5	6
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
18. Psychoneuroses and neuroses	1	2	3	1	2	3	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	6	10	2	4	6	1	2	3	1	–	1	–	–	–
21. Undiagnosed psychoses	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	–	2	–	–	–	1	–	1	1	–	1	–	–	–
Total	189	189	378	78	133	211	49	37	86	55	6	61	7	13	20

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Separated			Divorced		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	4	–	4	1	–	1	3	–	3	–	–	–	–	–	–	–	–	–
2. Senile	7	26	33	2	3	5	4	4	8	1	18	19	–	–	–	–	1	1
3. With cerebral arteriosclerosis	30	32	62	3	3	6	10	14	24	16	14	30	1	–	1	–	1	1
4. General paralysis	19	6	25	5	1	6	10	3	13	2	2	4	2	–	2	–	–	–
5. With cerebral syphilis	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	6	4	10	3	2	5	3	2	5	–	–	–	–	–	–	–	–	–
9. Alcoholic	28	1	29	5	–	5	19	1	20	3	–	3	–	–	–	1	–	1
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	13	17	2	3	5	2	6	8	–	4	4	–	–	–	–	–	–
13. Manic-depressive	15	14	29	7	6	13	7	5	12	1	2	3	–	1	1	–	–	–
14. Involution melancholia	10	5	15	1	1	2	8	3	11	1	–	1	–	1	1	–	–	–
15. Dementia praecox	56	78	134	37	23	60	19	46	65	–	6	6	–	2	2	–	1	1
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	1	2	3	–	1	1	1	1	2	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20. With mental deficiency	4	6	10	3	3	6	1	2	3	–	1	1	–	–	–	–	–	–
21. Undiagnosed psychoses	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	2	–	2	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
Total	189	189	378	73	46	119	88	88	176	24	48	72	3	4	7	1	3	4

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total
Senile psychoses	1	–	1
Psychoses with cerebral arteriosclerosis	1	4	5
General paralysis	1	–	1
Psychoses with Huntington's chorea	–	1	1
Psychoses with other brain or nervous diseases	–	1	1
Alcoholic psychoses	7	–	7
Psycnoses due to drugs and other exogenous toxins	2	2	4
Psychoses with other somatic diseases	–	1	1
Manic-depressive psychoses	7	15	22
Involution melancholia	2	2	4
Dementia praecox	15	27	42
Epileptic psychoses	1	–	1
Psychoses with mental deficiency	4	1	5
Without psychosis	–	1	1
Total	41	55	96

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	2	4	6	–	–	–	2	3	5	–	1	1
With cerebral arteriosclerosis	1	9	10	–	–	–	1	9	10	–	–	–
General paralysis	–	3	3	–	–	–	–	3	3	–	–	–
Alcoholic	21	1	22	18	1	19	3	–	3	–	–	–
Due to drugs and other exogenous toxins	–	3	3	–	3	3	–	–	–	–	–	–
With other somatic diseases	1	10	11	1	4	5	–	5	5	–	1	1
Manic-depressive	9	30	39	6	12	18	2	18	20	1	–	1
Involution melancholia	6	6	12	3	–	3	2	5	7	1	1	2
Dementia praecox	24	25	49	–	1	1	20	22	42	4	2	6
Epileptic psychoses	2	1	3	1	1	2	1	–	1	–	–	–
Psychoneuroses and neuroses	–	3	3	–	1	1	–	2	2	–	–	–
With mental deficiency	2	6	8	–	2	2	1	3	4	1	1	2
Undiagnosed psychoses	2	–	2	1	–	1	–	–	–	1	–	1
Without psychosis	4	–	4	–	–	–	–	–	–	–	–	–
Total	74	101	175	30	25	55	32	70	102	8	6	14

TABLE 15-A. *Hospital Residence During This Admission of First Court Admissions Discharged during 1933*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
Senile	1	4	5	.50	.52	.51
With cerebral arteriosclerosis	1	9	10	.50	.48	.47
General paralysis	–	3	3	–	.52	.52
Alcoholic	15	1	16	.68	–	.63
Due to drugs and other exogenous toxins	–	3	3	–	.36	.36
With other somatic diseases	1	9	10	.50	.56	.55
Manic-depressive	8	11	19	.44	1.27	.92
Involution melancholia	3	6	9	3.17	1.20	1.86
Dementia praecox	21	17	38	1.12	.94	1.04
Epileptic psychoses	2	–	2	.50	–	.50
Psychoneuroses and neuroses	–	3	3	–	.50	.50
With mental deficiency	1	4	5	.50	1.75	1.50
Undiagnosed psychoses	2	–	2	.25	–	.25
Without psychoses	3	–	3	.26	–	.26
Total	58	70	128	.88	.86	.87

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses*

Causes of Death	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholic			Manic-depressive			Involution melancholia			Dementia praecox			With psychopathic personality			With mental deficiency			*All other psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epidemic, Endemic and Infectious Diseases																																	
Lethargic encephalitis	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2
Tuberculosis of the respiratory system	2	5	7	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	3	4	–	–	–	–	–	–	1	1	2
Tuberculosis of other organs	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis (non-nervous forms)	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
General Diseases not Included in Class I																																	
Cancer and other malignant tumors	2	8	10	–	2	2	1	2	3	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–	–	–	–	–	2	2
Tumor (non-cancerous)	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes	2	3	5	–	1	1	2	–	2	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Alcoholism (acute or chronic)	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System																																	
Meningitis (non-epidemic)	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tabes dorsalis (locomotor ataxia)	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of spinal cord	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage, apoplexy	5	2	7	–	–	–	2	–	2	–	–	–	–	–	–	2	–	2	–	–	–	1	1	2	–	–	–	–	–	–	–	1	1
General paralysis of the insane	4	–	4	–	–	–	–	–	–	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other forms of mental diseases	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System																																	
Endocarditis and myocarditis	18	26	44	1	9	10	7	6	13	–	–	–	1	–	1	2	1	3	3	–	3	1	5	6	–	–	–	–	–	–	3	5	8
Other diseases of the heart	2	7	9	–	3	3	1	1	2	–	–	–	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–
Arteriosclerosis	6	2	8	–	–	–	5	–	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3
Diseases of the Respiratory System																																	
Bronchopneumonia	3	3	6	1	1	2	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Lobar pneumonia	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System																																	
Ulcer of stomach and duodenum	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Non-Venereal Diseases of Genito-Urinary System and Annexa																																	
Nephritis	–	3	3	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Diseases of the Skin and of the Cellular Tissue																																	
Gangrene	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Other diseases of skin and annexa	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
External Causes																																	
Suicide	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	1	–	1	–	–	–	–	–	–	1	–	1
Homicide	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Accidental traumatism	2	2	4	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Other external causes	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Total	55	73	128	3	19	22	22	13	35	5	1	6	3	–	3	5	6	11	3	3	6	7	15	22	1	–	1	–	1	1	6	15	21

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			20–24 years			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years			50–54 years			55–59 years			60–64 years			65–69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
2. Senile	3	19	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	4	4	3	14	17
3. With cerebral arteriosclerosis	22	13	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	1	2	1	1	2	1	1	2	18	10	28
4. General paralysis	5	1	6	1	–	1	–	–	–	–	–	–	–	–	–	2	–	2	1	–	1	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
5. With cerebral syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6. With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
7. With brain tumor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8. With other brain or nervous diseases	1	4	5	1	1	2	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
9. Alcoholic	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
10. Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
11. With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12. With other somatic diseases	4	8	12	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	1	2	3	–	–	–	1	1	2	1	4	5
13. Manic-depressive	5	6	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	1	1	2	1	–	1	1	3	4	1	1	2
14. Involution melancholia	3	3	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	1	–	1	–	–	–	–	–	–	2	1	3
15. Dementia praecox	7	15	22	1	1	2	1	–	1	–	–	–	–	–	–	1	3	4	–	2	2	1	4	5	–	1	1	1	1	2	1	1	2	1	2	3
16. Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17. Epileptic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18. Psychoneuroses and neuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19. With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
20. With mental deficiency	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
21. Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22. Without psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Total	55	73	128	3	2	5	1	–	1	1	1	2	–	–	–	3	4	7	3	3	6	2	9	11	6	5	11	3	4	7	5	12	17	28	33	61

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

PSYCHOSES	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Senile	3	19	22	–	2	2	1	2	3	–	3	3	–	3	3	–	3	3	1	3	4
With cerebral arteriosclerosis	22	13	35	7	2	9	5	2	7	3	1	4	2	1	3	4	4	8	1	2	3
General paralysis	5	1	6	–	–	–	1	–	1	1	–	1	2	–	2	–	–	–	1	1	2
With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
With other brain or nervous diseases	1	4	5	–	–	–	–	–	–	1	–	1	–	–	–	–	2	2	–	–	–
Alcoholic	3	–	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Due to drugs and other exogenous toxins	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
With other somatic diseases	4	8	12	3	3	6	–	1	1	–	1	1	–	2	2	1	–	1	–	1	1
Manic-depressive	5	6	11	1	–	1	–	–	–	–	–	–	–	–	–	2	–	2	1	–	1
Involution melancholia	3	3	6	1	–	1	1	–	1	–	1	1	–	–	–	1	1	2	–	–	–
Dementia praecox	7	15	22	1	–	1	–	1	1	–	1	1	1	–	1	–	3	3	–	1	1
With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Without psychosis*	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	55	73	128	13	7	20	8	7	15	6	9	15	5	6	11	8	13	21	4	9	13

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded

PSYCHOSES	5–6 years			7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile	1	2	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Gerneral paralysis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With Huntington's chorea	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other brain or nervous diseases	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
Due to drugs and other exogenous toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other somatic diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive	1	–	1	–	3	3	–	1	1	–	–	–	–	1	1	–	–	–	–	1	1
Involution melancholia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Dementia praecox	1	1	2	2	1	3	–	1	1	–	1	1	–	1	1	–	2	2	2	2	4
With psychopathic personality	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychosis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Total	3	3	6	2	5	7	1	4	5	2	1	3	–	2	2	1	3	4	2	4	6

TABLE 19. *Average Length of Hospital Stay During the Present Admissions of All Cases in Residence on September 30, 1933*

Psychoses	Number			Average Length of Residence in Years		
	M.	F.	T.	M.	F.	T.
1. Traumatic	6	1	7	5.80	7.50	6.05
2. Senile	16	38	54	2.60	2.69	2.66
3. With cerebral arteriosclerosis	46	56	102	2.13	2.17	2.15
4. General paralysis	39	15	54	2.58	2.48	2.55
5. With cerebral syphilis	1	3	4	.45	3.81	2.97
6. With Huntington's chorea	–	2	2	–	1.97	1.97
7. With brain tumor	–	1	1	–	12.50	12.50
8. With other brain or nervous diseases	16	10	26	4.11	5.39	4.60
9. Alcoholic	118	21	139	6.66	9.26	7.05
10. Due to drugs and other exogenous toxins	2	1	3	.45	2.50	1.13
11. With pellagra	–	3	3	–	9.16	9.16
12. With other somatic diseases	5	21	26	3.70	3.24	3.32
13. Manic-depressive	60	146	206	6.45	8.05	7.59
14. Involution melancholia	45	36	81	3.04	5.38	4.08
15. Dementia praecox	368	555	923	9.76	7.73	8.54
16. Paranoia and paranoid conditions	1	2	3	7.50	30.00	22.50
17. Epileptic psychoses	7	8	15	3.06	9.75	6.63
18. Psychoneuroses and neuroses	2	4	6	.45	.97	.80
19. With psychopathic personality	3	3	6	10.83	9.16	10.00
20. With mental deficiency	60	50	110	8.59	7.61	8.15
21. Undiagnosed psychoses	–	–	–	–	–	–
22. Without psychoses	20	17	37	11.39	14.23	12.69
Total	815	993	1,808	7.44	7.15	7.28

TABLE 20. *Family Care Department*

	Males	Females	Total
Remaining in family care October 1, 1932	–	4	4
On visit from family care October 1, 1932	–	–	–
Admitted during the year	–	–	–
Whole number of cases within the year	–	6	6
Dismissed within the year	–	–	–
Returned to institution	–	2	2
Discharged	–	–	–
On visit	–	–	–
Remaining in family care September 30, 1933	–	4	4
Supported by the State	–	–	–
Private	–	4	4
Self-supporting	–	–	–
Number of different persons within the year	–	6	6
Number of different persons dismissed	–	–	–
Number of different persons admitted	–	–	–
Average daily number in family care during the year	–	3.22	3.22
Supported by the State	–	.98	.98
Private	–	2.25	2.25
Self-supporting	–	–	–

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OF THE

TRUSTEES

OF THE

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FOR THE

YEAR ENDING NOVEMBER 30,

1934

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[Post Office Address: Northampton, Mass.]

TRUSTEES

Dr. John C. O'Brien, *Chairman*, Greenfield, Mass.
Mrs. Emily N. Newton, *Secretary*, Wellesley Hills, Mass.
Laurence D. Chapin, M.D., Springfield, Mass.
Mr. Albert M. Darling, Sunderland, Mass.
Mr. Charles W. King, Chicopee Falls, Mass.
Mrs. Jessie Bassett, Northampton, Mass.
Mrs. James W. Heffernan, Northampton, Mass.

RESIDENT OFFICERS

Edward W. Whitney, M.D., *Superintendent*
Guy C. Randall, M.D., *Assistant Superintendent*
Elizabeth Kundert, M.D., *Senior Physician.*
Rhoda U. Musgrave, M.D., *Senior Physician*
B. Edwin Zawacki, M.D., *Senior Physician*
Ruth M. Thompson, M.D., *Assistant Physician.*
Kendall B. Crossfield, M.D., *Assistant Physician*
Ruth Parker, M.D., *Assistant Physician*
——— ———, *Assistant Physician*
Lucien H. Harris, D.D.S., *Dentist.*
Frank W. Smith, *Steward*

NON-RESIDENT OFFICERS

Eva L. Graves, *Treasurer*, (Office at the Hospital)

HEADS OF DEPARTMENTS

Lee W. Sinclair, *Chief Engineer*
Harry W. Lee, *Head Farmer*
George W. Pareseau, *Pharmacist*
Alice E. Bedell, R.N., *Superintendent of Nurses*
Rhoda L. Smith, *Psychiatric Social Worker*
Pearl E. Beaton, *Head Occupational Therapist*
Anna G. Rogers, *Dietitian*
Ella R. Pareseau, *Head Housekeeper*

TRUSTEES' REPORT

To His Excellency, the Governor of the Commonwealth and the Honorable Council:

The Trustees of the Northampton State Hospital have the honor to present their report for the year ending November 30, 1934.

The daily average number of patients was 1,804.36 as compared with 1,776.07 the previous year. The weekly cost of maintenance was $4.1182 per capita.

During the year several projects under the Public Works Administration have been under construction. A tunnel is nearly completed which connects the main hospital group with the West group. It also connects the West group with the new Power Plant, which is also well underway. There is a new ward building under construction and excavation has been made for a new cafeteria. Plans have been already submitted for a new laundry and storehouse and we expect this work will begin in the near future. With the exception of the storehouse, all of this construction is in the West group. The storehouse has been needed for a long time but the building, which is the so-called Earl building, to be remodeled and enlarged is one in which fifty patients have been cared for. These patients have already been transferred to the over-crowded wards of the main hospital group, and this brings up the subject of the need of two hospital units. One should be for disturbed patients, as it is a well known fact that disturbed patients are excited by overcrowding, therefore, we need a building for this type of patients. The other unit should be a medical unit. To properly place this, however, the farm buildings, which are now situated close to the main hospital group, should be moved farther back on the farm where they would be more convenient and the area vacated would then be an ideal place for a receiving ward and medical unit. In this medical unit there could be a ward for sick employees as well as physically sick patients. We could have a surgical and operating room as well as a physiotherapy department and laboratory.

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The cafeteria which is being built will take care of the dining room facilities of the West group but in the main hospital group we are still using the small diningrooms on the various wards, therefore, we should have a modern diningroom or cafeteria and also a new kitchen for the main hospital group.

During the past year we had a leak in the hot water system which caused some damage to two of our wards. Our engineer feels that the hot water system should be renewed in the hospital building and also the sprinkler system in the basements should be revised.

The Superintendent's report, which follows, will give the other activities of the various departments of the hospital.

Respectfully submitted,

Dr. John C. O'Brien, *Chairman*	Mr. Charles W. King
Mrs. Emily N. Newton, *Secretary*	Mrs. Jessie Bassett
Dr. Laurence D. Chapin	Mrs. James W. Heffernan
Mr. Albert M. Darling	*Trustees.*

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I submit my report for the year 1934.

Movement of Population

The number of patients on our books October 1, 1933 was 2,051. There were admitted during the year 549 making a total of 2,600 under care and treatment during the year. There were discharged to their relatives and transferred to other institutions 370 patients. One hundred and sixty deaths occurred leaving 2,070 patients on the books of this hospital on September 30, 1934 of which 1,807 were in the hospital and 263 patients on visit or otherwise absent.

Medical Activities

During the year 1934 the following changes were made on the Medical Staff: —

Dr. Ruth Parker was appointed as assistant physician on February 1, 1934 to fill a vacancy, — bringing the staff to its full quota.

Dr. Guy C. Randall, who was appointed assistant superintendent, began his duties on April 16, 1934.

Dr. Albert U. Bourcier, Senior Physician on the Male Service, resigned on August 27, 1934.

Dr. B. Edwin Zawacki, assistant physician, was promoted to Senior Physician in charge of the Male Service on September 21, 1934.

There is one vacancy on our Medical Staff for an assistant physician. However a physician has been engaged to fill this vacancy on January 1, 1935.

Out-Patient Department

The usual out-patient clinics have been held monthly in Springfield, North Adams, Greenfield and Pittsfield. We have also seen patients at this hospital by appointment. We have a Child Guidance Clinic in both Holyoke and Northampton weekly.

During the past year 867 male patients and 990 female patients, — making a total of 1,857 have been examined through the Out-Patient Department. Three hundred and eighty-three patients reported to clinics ; 163 consultations were given; 780 which were referred by Social Agencies; 44 by physicians; 4 from Institutions; 31 referred by relatives and 6 of their own volition. In the School Clinics 389 children were seen for first examinations and 175 for re-examinations. Eighteen referred by the schools for child guidance. One hundred and seventy-five cases were examined for the Courts; 121 being juvenile delinquents.

Dental Report for the Year 1934

Our dentist, Dr. Lucien Harris, examines the teeth of all new patients soon after their admission to the hospital and gives them what treatment seems best.

During the past year, besides the routine examinations, he has given 4,315 treatments including various forms of fillings. He makes plates, cleans the teeth, does extractions, etc.

The Social Service Department

Miss Mary-Ellen Hayes, Psychiatric Social Service Worker, resigned on February 10, 1934 to accept a position with the Family Welfare Society of New Haven, Conn.

Miss Rhoda L. Smith, was promoted on February 12, 1934 from assistant to Psychiatric Social Worker.

Miss Marguerite Mower, was appointed assistant psychiatric social worker on June 1, 1934.

Miss Ruth B. Jarvis contributed her services as a volunteer social worker for five months, — from February, 1934 to July, 1934.

Although the Social Service Department has been handicapped due to these changes they have been able to show progress during the year. They secured 120 medical social histories; supervised 312 out-patients in their homes; interviewed 129 relatives in their homes; made 39 visits to Social Agencies; made 42 visits to other persons regarding patients supervised; made 22 visits on the ward; interviewed 216 at clinics and 10 visits were made to other Institutions.

The social work of the two Child Guidance Clinics was taken care of by one of our workers from this Institution.

Occupational and Industrial Therapy

The industrial therapy department, too small for the size of this hospital, has been kept very busy during the past year in making various forms of brushes, overalls, rugs, shirts, mattresses, etc., and from a financial point of view was quite an asset.

The Occupational Therapy Department is able to carry on more work because of having larger quarters and they also do some work on the wards. They have made over 6,000 towels during the past year and over 24,000 tapes; 600 flower pot covers and many other useful articles, such as curtains, curtain pulls, wall hangings, sweaters, runners, scarfs, etc.

We do not have a recreational leader and the Occupational Therapist has to take charge of the various forms of recreation.

We have had during the year numerous gatherings in our assembly hall including. religious services, dances, concerts, minstrels, plays, movies, parties and the E.R.A. vaudeville and orchestras.

Another project of the Occupational Therapy Department was the editing of a hospital paper which was begun in July of 1934. All of the work done on this paper is by patients and it has taken its place in the hospital and the patients and employees look forward to its issue on every Thursday.

During the summer baseball has been played with various local teams, tennis and horseshoe tournaments have been conducted. The Club House has been used, especially during the winter months, where bowling tournaments have been conducted for both patients and employees. Ping-pong and the radio at the Club House have been enjoyed.

Florist Department

Mr. Henry Weidlich, the florist, has kept the hospital wards supplied with beautiful varities of flowers during the entire year. During the summer months the flower gardens drew much favorable comment from visitors to the hospital. On Easter Sunday the hospital chapel was decorated with flowers and many visitors came to the hospital to see the gorgeous flower display. In the fall exhibit at the Massachusetts State College several first prizes were won in competition.

Farm

The tonnage of the several farm and garden crops was the heaviest in many years, in fact the yield was more than could be easily handled by the kitchen and canning-room. The following are the weights of some of the major crops: —

Silage corn	400 tons over	Sweet corn	29,000 pounds
Hay	275 tons	Cucumbers	10,000 pounds
Green feed	200 tons	Onions	52,000 pounds
Potatoes	700 bushels	Peas	8,000 pounds
String beans	40,000 pounds	Turnips	81,000 pounds
Beets	64,000 pounds	Spinach	10,000 pounds

Cabbage	96,000 pounds	Squash	65,000 pounds
Cantaloupes	8,600 pounds	Tomatoes	112,000 pounds
Carrots	60,000 pounds	Strawberries	3,300 pounds
Celery	9,000 pounds	Apples	48,000 pounds

The poultry department had a very successful year with 12,175 dozen of eggs and 7,516 pounds of dressed meat.

The production of the dairy herd was the lowest in several years with 749,720 pounds of milk; 9,230 pounds of beef. This low production may be charged to the poor physical condition of the herd which we expect will be remedied the coming year and to the low production of the daughters of a former service bull.

The swine herd has completed another very successful year with a production of 95,572 pounds of dressed pork. The herd is in a splendid condition.

The farm as a whole is much improved by draining, cutting of brush and the removal of many loads of stones.

The poultry, swine and dairy buildings are in very poor condition and should be repaired in the immediate future.

Engineering Department

The following is a brief list of repairs and renewals which took place in the hospital during the year: —

Installed a new brass liner in the water end of the large vacuum pump.

Installed a new pasteurizer in the milk room at the barn.

Installed new stainless steel sinks in N. I. 1 and L. 3 N.

Installed a porcelain enamel sink in the Assistant Superintendent's apartment.

Reset closets and lavatories and renewed piping to lavatories in the third halls north on three floors.

Renewed the piping and plumbing fixtures on the third floor rear center.

Built in a new bathroom and installed new piping and fixtures in the guest room in the Superintendent's apartment.

Installed new slop sinks, replacing old sinks in the following locations: — L.2.S.; M.2.S.; U.2.S.; S.I.3; and S.I.4

Removed plumbing fixtures and piping from house No. 17 for repairs to house.

Removed all plumbing and heating fixtures from house No. 13 to dismantle house.

Started work on replacing the hot water storage tank at the Employees Home South.

Started installation of a continuous treatment bath tub in the single bath room on S.I.1.

Replaced Akron tile sewer pipe with cast iron pipe through the new laundry plot.

Installed radiators in flues to diningroom and bathroom in L.I.N.

Installed radiator guards in M.2.S.

Installed eight radiator guards and two coil guards in the South Infirmary.

Installed new lighting fixtures in the serving room in the Assistant's Superintendent's apartment.

Installed electric fans in the continuous bathrooms in L.4.A.S.; L.4.S.; and L.4.A.N.

Rewired and installed new lighting fixtures in guest room in the Superintendent's apartment.

Renewed lighting fixtures in two rooms and corridor on the third floor in rear center.

Installed electric clocks in the following locations: — L.I.N.; M.I.N.; U.I.N.; L.3.N.; M.3.N.; U.3.N.; N.I.3.E., and N.I.3.W.

Rewired house No. 17.

Rewired bathroom and stairway in nurses apartment at house No. 1.

Rewired bathroom and kitchen in house No. 5.

Rewired the milk pasteurizer room for motors and lights.

Installed lights over the new gas range in the kitchen.

Replaced old wiring with BX cable in the following locations: —

West dormitory	S.I.1	One dormitory	U.2.S.
Sun parlor	S.I.1.	One light in dining room	L.I.S.
East dormitory	S.I.1.	Toilet	L.3.N.

Bathroom	S.I.3.	Toilet	M.3.N.
One dormitory	U.I.S.	Toilet	U.3.N.
One room	U.I.S.	Dining room	L.3.N.

Renewed electric light fixtures in the following locations: — L.3.N.; M.3.N.; N.I.1. 2nd and 3rd floor serving rooms in Administration Building and U.I.S.

Installed 42 "Fire tox" fire extinguishers at barns, Employees Home South, Nurses Home, Attendants' Home and Club House.

Installed Electro Hydraulic control on dumbwaiter machines at first halls North and South, third Halls North and South and Center. Made improvements and repairs to machines at first halls North and South, 3rd halls South and Center, including construction and installation of new cars and metal guide rails and safety devices to prevent operation of machine from more than one landing at a time and to prevent operation of machine from any landing when any door is open.

Equipped the cafeteria dumbwaiter with safety controls.

Installed radios in the following locations: — U.2.S., S.I.4., L.2.N., U.2.N., and N.I.2.

One thousand seven hundred and seven articles of tin ware were repaired during the year and 212 articles of sheet metal were constructed and also made a sheet iron exhaust duct for the Tumbler Dryer and tinned doors for the cafeteria dumbwaiter.

I wish to express my sincere appreciation to all the employees of the Northampton State Hospital who have cooperated so well during the past year. I also wish to thank you, the Trustees, for your advice during this same year.

Respectfully sbumtitted,

EDWARD W. WHITNEY, M.D.
Superintendent.

VALUATION

November 30, 1934

REAL ESTATE	
Land, 550¾ acres	$173,665.00
Buildings and betterments	2,170,194.10
	$2,343,859.10
PERSONAL PROPERTY	
Travel, transportation and office expenses	$2,368.70
Food	8,224.45
Clothing and materials	22,847.29
Furnishings and household supplies	112,672.67
Medical and general care	2,764.69
Heat and other plant operation	7,231.42
Farm	54,582.86
Garage and grounds	5,282.23
Repairs	9,269.53
	$225,243.84
SUMMARY	
Real estate	$2,343,859.10
Personal property	225,243.84
	$2,569,102.94

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1934.

STATEMENT OF EARNINGS

Board of Patients		$93,291.84
Personal Services:		
Reimbursement from Board of Retirement		173.00
Sales:		
Food	$22.26	
Clothing and materials	49.00	
Medical and General Care	54.50	
Garage and grounds	14.00	
Repairs ordinary	6.47	
Farm	300.93	
Total sales		$447.16

Miscellaneous:		
Interest on bank balances	$202.12	
Rents	2,053.72	
Unclaimed wedding rings	10.81	
Total miscellaneous		2,266.65
Total earnings for the year		$96,178.65
Total cash receipts reverting and transferred to the State Treasurer		$96,189.32
Accounts receivable outstanding December 1, 1933	$47.36	
Accounts receivable outstanding November 30, 1934	36.69	
Accounts receivable increased		-$10.67

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward		$16,570.76
Appropriation, current year		491,096.00
Total		$507,666.76
Expenditures as follows:		
Personal services	$245,298.57	
Food	85,474.40	
Medical and general care	8,409.18	
Religious instruction	1,290.47	
Farm	21,526.99	
Heat and other plant operation	49,226.25	
Travel, transportation and office expenses	5,742.45	
Garage and grounds	5,142.66	
Clothing and materials	8,717.88	
Furnishings and household supplies	25,803.07	
Repairs ordinary	12,427.82	
Repairs and renewals	13,871.09	
Total maintenance expenditures		$482,930.83
Balance of maintenance appropriation, November 30, 1934		24,735.93
		$507,666.76

SPECIAL APPROPRIATIONS

Balance December 1, 1933, brought forward		$24,957.00
Appropriations for current year		883,000.00
Total		$907,957.00
Expended during the year (see statement below)	$248,327.55	
Reverting to Treasury of Commonwealth	204.62	
		248,532.17
Balance November 30, 1934, carried to next year		$659,424.83

APPROPRIATION	Act or Resolve	Total Amount Appropriated	Expended during Fiscal Year	Total Expended to Date	Balance at end of Year
Furnishing Male Attendants Home	170-1932	$13,500.00	$718.01	$13,324.04	$175.96
Male Nurses' Home	245-1931	150,000.00	1,125.72	149,855.97	144.03
Additional land	170-1932	75,000.00	153.64	52,564.98	22,435.02
Power plant Project M-14 Docket 1,027		360,000.00	155,341.27	155,341.27	204,658.73
Ward building, Project M-15 Docket 1,086		242,000.00	78,804.45	78,804.45	163,195.55
Dining and Service building, Project M-16, Docket 1,142		106,000.00	11,855.04	11,855.04	94,144.96
Laundry building, Project M-53 Docket 5,565		94,000.00	272.11	272.11	93,727.89
Storage building, Project M-45, Docket 8,191		81,000.00	57.31	57.31	80,942.69

PER CAPITA

During the year the average number of patients has been, 1,793.
Total cost of maintenance, $482,930.83
Equal to a weekly per capita cost of (52 weeks to year), $5.1424.
Total receipts for the year, $96,189.32
Equal to a weekly per capita of, $1.0242
Total net cost of maintenace for year, $386,741 51
Net weekly per capita, $4.1182

Respectfully submitted,

EVA L. GRAVES,

Treasurer.

STATISTICAL TABLES

As Adopted by the American Psychiatric Association Prescribed by the Masssachusetts Department of Mental Diseases

Table 1. *General Information*

(Data correct at end of institution year November 30, 1934)

Date of *opening* as a hospital for mental diseases, August 16, 1858
Type of hospital: State
Hospital plant:
Value of hospital property:

Real estate, including buildings	$2,343,859.10
Personal property	225,243.84
Total	$2,569,102.94

Total acreage of hospital property owned, 550¾
Total acreage under cultivation during previous year, 236
Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendent	–	–	–	1	–	1
Assistant physicians	4	4	8	–	–	–
Total physicians	4	4	8	1	–	1
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	10	10	–	–	–
Other nurses and attendants	87	80	167	–	2	2
Occupational therapists	1	3	4	–	–	–
Social workers	–	2	2	–	–	–
All other officers and employees	66	52	118	3	–	3
Total officers and employees	161	151	312	4	2	6

Classification by Diagnosis, September 30, 1934

Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
White						
Insane	832	938	1,770	121	136	257
Mental defectives	11	10	21	–	2	2
Epileptic and mentally defective	1	–	1	–	–	–
Alcoholics	1	–	1	–	–	–
All other cases	1	–	1	–	–	–
Total	846	948	1,794	122	138	260
Other Races:						
Insane	7	6	13	1	2	3
Total	7	6	13	1	2	3
Grand Total	853	954	1,807	123	140	263

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	14	147	161
Other patients employed in general work of hospital on date of report	140	435	575
Average daily number of all patients actually in hospital during year	837.93	966.43	1,804.36
Voluntary patients admitted during year	–	3	3
Persons given advice or treatment in out-patient clinics during year	105	204	309

TABLE 2. *Movement of Patient Population for the Year Ending September 30, 1934*

(Data in all of the following tables are based on the Statistical Year, October 1, 1933 to September 30, 1934)

	Total			Regular Court Commitment (Insane)			Observation			Temporary Care			Voluntary		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1933	933	1,118	2,051	918	1,109	2,027	13	9	22	–	–	–	2	–	2
Admissions during year:															
First admissions	243	197	440	206	177	383	24	12	36	13	7	20	–	1	1
Readmissions	58	48	106	48	42	90	7	–	7	3	4	7	–	2	2
Total admissions	301	245	546	254	219	473	31	12	43	16	11	27	–	3	3
Transfers from other mental hospitals	1	2	3	1	2	3	–	–	–	–	–	–	–	–	–
Total received during year	302	247	549	255	221	476	31	12	43	16	11	27	–	3	3
Total on books during year	1,235	1,365	2,600	1,173	1,330	2,503	44	21	65	16	11	27	2	3	5
Discharged from books during year:															
As recovered	44	15	59	36	9	45	8	4	12	–	2	2	–	–	–
As improved	59	100	159	55	90	145	1	6	7	3	3	6	–	1	1
As unimproved	23	11	34	13	7	20	4	1	5	5	2	7	1	1	2
As without psychosis	32	4	36	9	–	9	19	1	20	4	2	6	–	1	1
Total discharged to community	158	130	288	113	106	219	32	12	44	12	9	21	1	3	4
Transferred to other mental hospitals	27	55	82	27	55	82	–	–	–	–	–	–	–	–	–
Died during year	74	86	160	70	84	154	–	–	–	4	2	6	–	–	–
Total discharged, transferred and died during year	259	271	530	210	245	455	32	12	44	16	11	27	1	3	4
Patients remaining on books of hospital at end of year:															
In hospital	853	954	1,807	847	952	1,799	5	2	7	–	–	–	1	–	1
On parole or otherwise absent	123	140	263	122	140	262	1	–	1	–	–	–	–	–	–
Total[1]	976	1,094	2,070	969	1,092	2,061	6	2	8	–	–	–	1	–	1

[1]The total males and females in the Insane and Observation groups will not balance through September 30, 1934, owing to the fact that 6 males and 7 females had a C.L.S. during the year from Observation 100 to Court.

SUPPLEMENTARY DATA

	M.	F.	T.
Average daily number of patients on books during year	961.30	1,093.22	2,054.52
Actually in institution during year	837.93	966.51	1,804.44
In family care	–	3.64	3.64
On visit	98.22	125.70	223.92
On escape	24.37	–	24.37
Number of patients actually remaining in institution September 30, 1934:			
State	769	747	1,516
Reimbursing	84	207	291
Number of patients in family care September 30, 1934: State	–	1	1
Number of non-insane patients in hospital at end of institution year:			
Mentally defective	11	10	21
Epileptic and mentally defective	1	–	1
Others	2	–	2

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States[1]	131	118	249	67	69	56	62	61	51
Austria	–	2	2	–	–	–	1	2	1
Canada[2]	12	15	27	29	25	22	26	27	22
Czecho-Slovakia	–	3	3	–	1	–	3	3	3
England	4	5	9	8	8	7	7	6	5
Finland	1	1	2	1	1	1	1	2	1
France	1	–	1	2	3	2	1	–	–
Germany	5	2	7	7	7	7	6	5	5
Greece	2	–	2	3	3	3	–	–	–
Holland	–	–	–	1	–	–	–	–	–
Ireland	13	11	24	28	32	27	26	29	23
Italy	8	3	11	14	14	13	5	5	5
Poland	19	11	30	25	25	25	18	18	18
Russia	3	1	4	3	3	3	5	4	4
Scotland	4	4	8	6	6	6	5	4	3
Sweden	3	–	3	3	3	3	3	2	2
Switzerland	–	1	1	1	–	–	2	2	2
Other Countries	–	–	–	1	1	1	–	–	–
Unknown	–	–	–	7	5	3	6	7	6
Total	206	177	383	206	206	179	177	177	151

[1](Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U. S.)
[2]Includes Newfoundland.

TABLE 4. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born*

Age at Admission	Aggregate			NATIVE BORN															FOREIGN BORN											
				Total			Parentage												Total			Time in United States before Admission								
							Native			Foreign			Mixed			Unknown						5–9 years			15 years and over			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0–14 years	–	1	1	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	6	3	9	5	3	8	2	1	3	2	–	2	1	2	3	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
20–24 years	15	17	32	14	16	30	6	3	9	5	10	15	3	3	6	–	–	–	1	1	2	–	–	–	1	1	2	–	–	–
25–29 years	17	13	30	15	12	27	4	6	10	8	4	12	3	2	5	–	–	–	2	1	3	–	1	1	2	–	2	–	–	–
30–34 years	13	14	27	9	13	22	3	4	7	5	6	11	1	3	4	–	–	–	4	1	5	–	–	–	4	1	5	–	–	–
35–39 years	22	12	34	11	9	20	4	3	7	2	4	6	5	2	7	–	–	–	11	3	14	–	–	–	11	3	14	–	–	
40–44 years	14	18	32	6	8	14	3	4	7	2	1	3	1	3	4	–	–	–	8	10	18	–	–	–	8	10	18	–	–	–
45–49 years	18	14	32	11	10	21	4	2	6	3	5	8	4	1	5	–	2	2	7	4	11	–	–	–	7	4	11	–	–	–
50–54 years	22	13	35	14	7	21	9	4	13	2	2	4	2	1	3	1	–	1	8	6	14	–	–	–	8	6	14	–	–	–
55–59 years	11	14	25	5	6	11	3	4	7	1	–	1	1	2	3	–	–	–	6	8	14	–	–	–	6	8	14	–	–	–
60–64 years	17	13	30	8	6	14	4	3	7	2	–	2	1	1	2	1	2	3	9	7	16	–	–	–	8	7	15	1	–	1
65–69 years	18	12	30	11	5	16	4	2	6	6	2	8	1	1	2	–	–	–	7	7	14	–	–	–	7	7	14	–	–	–
70–74 years	10	15	25	6	9	15	2	5	7	3	1	4	1	2	3	–	1	1	4	6	10	–	–	–	4	6	10	–	–	–
75–79 years	12	10	22	9	8	17	4	7	11	2	1	3	2	–	2	1	–	1	3	2	5	–	–	–	3	2	5	–	–	–
80–84 years	6	4	10	4	3	7	2	2	4	1	1	2	1	–	1	–	–	–	2	1	3	–	–	–	2	1	3	–	–	–
85 years and over	5	4	9	3	2	5	2	1	3	1	–	1	–	–	–	–	1	1	2	2	4	–	–	–	2	2	4	–	–	–
Total	206	177	383	131	118	249	56	51	107	45	38	83	27	23	50	3	6	9	75	59	134	–	1	1	74	58	132	1	–	1

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	131	118	249
Citizens by naturalization	36	26	62
Aliens	36	23	59
Citizenship unknown	3	10	13
Total	206	177	383

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			With syphilitic meningo-encephalitis			With epidemic encephalitis			With other infectious diseases			Alcoholic psychoses			Due to drugs, etc.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	3	2	5	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
English	39	46	85	4	2	6	–	–	–	–	–	–	2	2	4	–	–	–
Finnish	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	30	24	54	8	1	9	–	1	1	2	–	2	3	–	3	–	–	–
German	7	8	15	2	–	2	–	–	–	–	–	–	–	2	2	–	–	–
Greek	3	–	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	2	7	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	44	32	76	4	–	4	–	–	–	–	–	–	12	–	12	–	–	–
Italian[1]	14	5	19	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Pacific Islander	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	3	4	7	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–
Scotch	7	6	13	–	–	–	–	1	1	–	–	–	2	–	2	–	–	–
Slavonic[3]	27	21	48	3	1	4	–	–	–	–	–	–	11	–	11	–	–	–
Syrian	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
West Indian[4]	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	22	17	39	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–
Race unknown	1	5	6	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1
Total	206	177	383	24	4	28	–	2	2	2	–	2	36	5	41	–	1	1

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	Traumatic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
English	–	–	–	14	12	26	–	2	2	–	1	1	7	2	9
Finnish	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
French	–	–	–	5	4	9	–	–	–	–	–	–	1	–	1
German	–	–	–	2	–	2	–	–	–	–	–	–	–	1	1
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	2	2	1	–	1	–	–	–	–	–	–
Irish	–	–	–	7	11	18	3	2	5	–	–	–	4	1	5
Italian[1]	–	–	–	3	2	5	–	–	–	–	–	–	–	–	–
Pacific Islander	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Scotch	–	–	–	3	1	4	–	–	–	–	–	–	–	1	1
Slavonic[3]	–	1	1	–	5	5	–	–	–	1	–	1	1	–	1
West Indian[1]	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Mixed	–	–	–	4	1	5	1	1	2	–	2	2	1	–	1
Race unknown	–	–	–	–	2	2	–	–	–	–	–	–	–	1	1
Total	–	1	1	39	41	80	5	5	10	2	3	5	15	7	22

[1]Includes "North" and "South."
[2]Norwegians, Danes, and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.
[1]Except Cuba.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	Involutional psychoses			Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psychoneuroses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	2	1	3	–	–	–	–	2	2	–	2	2	–	1	1
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	–	1	1	–	2	2	–	–	–	–	1	1	1	–	1
German	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	3	2	5	–	5	5	–	–	–	–	–	–	–	–	–
Italian [1]	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Pacific Island	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian [2]	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic [3]	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
West Indian *1*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	1	–	1	–	2	2	–	–	–	1	–	1	–	–	–
Race unknown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	10	7	17	–	9	9	–	2	2	1	4	5	1	1	2

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Manic-Depressive psychoses			Dementia praecox			With psychopathic personality			With mental deficiency			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	1	1	2	–	–	–	–	–	–	1	–	1
English	1	1	2	7	16	23	1	–	1	–	1	1	1	–	1
Finnish	1	–	1	7	12	19	–	–	–	–	2	2	2	–	2
German	–	–	–	2	4	6	–	–	–	–	1	1	–	–	–
Greek	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Hebrew	–	1	1	1	3	4	–	–	–	–	1	1	–	–	–
Irish	3	1	4	8	9	17	–	–	–	–	1	1	–	–	–
Italian [1]	–	–	–	7	2	9	–	–	–	1	1	2	–	–	–
Pacific Islander	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian [2]	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Scotch	1	–	1	1	1	2	–	–	–	–	–	–	–	–	–
Slavonic [3]	–	1	1	10	10	20	–	–	–	–	1	1	1	–	1
West Indian *1*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	–	1	1	11	10	21	–	–	–	–	–	–	1	–	1
Race unknown	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Total	6	6	12	57	70	127	1	–	1	1	8	9	6	1	7

[1]Includes "North" and "South"
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.
1 Except Cuba.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0–14 years			15–19 years			20–24 years			25–29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	4	28	–	–	–	–	–	–	–	–	–	1	–	1
With epidemic encephalitis	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1
Alcoholic psychoses	36	5	41	–	–	–	–	–	–	–	–	–	1	–	1
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	39	41	80	–	–	–	–	–	–	–	–	–	–	–	–
With disturbances of circulation	5	5	10	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	2	3	5	–	–	–	–	–	–	–	–	–	1	–	1
Senile psychoses	15	7	22	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	10	7	17	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	9	9	–	–	–	–	–	–	–	–	–	–	2	2
Due to new growth	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	1	4	5	–	–	–	–	–	–	–	–	–	1	1	2
Psychoneuroses	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	6	6	12	–	–	–	–	–	–	–	2	2	1	–	1
Dementia praecox	57	70	127	–	–	–	6	3	9	15	13	28	11	10	21
With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	1	8	9	–	–	–	–	–	–	–	2	2	–	–	–
Without psychoses	6	1	7	–	–	–	–	–	–	–	–	–	–	–	–
Total	206	177	383	–	1	1	6	3	9	15	17	32	17	13	30

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued

PSYCHOSES	30–34 years			35–39 years			40–44 years			45–49 years			50–54 years			55–59 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	1	6	2	–	2	2	2	4	5	–	5	3	–	3	2	–	2
With epidemic encephalitis	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–
With other infectious diseases	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	4	2	6	5	–	5	3	1	4	7	1	8	5	–	5	2	1	3
Due to drugs, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Traumatic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	5	4	9	1	4	5
With other disturbances of circulation	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3
With convulsive disorders epilepsy	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–	–	–	–
Senile psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Involutional psychoses	–	–	–	–	–	–	2	–	2	–	2	2	4	2	6	2	2	4
Due to other metabolic diseases, etc	–	1	1	–	1	1	–	–	–	–	1	1	–	–	–	–	1	1
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
With organic change of nervous system	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1
Psychoneuroses	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	1	–	1	1	1	2	–	3	3	1	–	1	1	–	1	–	–	–
Dementia praecox	2	10	12	9	9	18	6	7	13	4	8	12	3	4	7	–	3	3
With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
With mental deficiency	–	–	–	–	1	1	–	1	1	–	1	1	1	–	1	–	–	–
Without psychoses	1	–	1	3	–	3	1	1	2	–	–	–	–	–	–	–	–	–
Total	13	14	27	22	12	34	14	18	32	18	14	32	22	13	35	11	14	25

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephlaitis	2	–	2	2	–	2	–	1	1	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	7	–	7	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Due to drugs, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	5	7	12	10	4	14	6	8	14	6	7	13	4	4	8	2	3	5
With other distrubances of circulation	–	1	1	2	1	3	–	2	2	1	–	1	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	1	1	2	3	1	4	1	3	4	4	1	5	2	–	2	3	1	4
Involutional psychoses	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Manic-depressive psychoses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox	–	–	–	–	2	2	–	1	1	1	–	1	–	–	–	–	–	–
With psychopathi personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	2	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Total	17	13	30	18	12	30	10	15	25	12	10	22	6	4	10	5	4	9

TABLE 8. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illiterate			Reads and Writes			Common School			High School			College			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	4	28	1	1	2	2	1	3	11	1	12	8	–	8	1	–	1	1	1	2
With epidemic encephalitis	–	2	2	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1
With other infectious diseases	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
Alcoholic psychoses	36	5	41	7	–	7	8	2	10	19	2	21	1	1	2	–	–	–	1	–	1
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Traumatic psychoses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	39	41	80	4	10	14	8	14	22	24	14	38	–	1	1	1	1	2	2	1	3
With other disturbances of circulation	5	5	10	1	–	1	1	2	3	1	2	3	2	–	2	–	–	–	–	1	1
With convulsive disorders (epilepsy)	2	3	5	–	1	1	1	–	1	1	–	1	–	1	1	–	–	–	–	1	1
Senile psychoses	15	7	22	3	1	4	3	4	7	5	–	5	3	1	4	1	–	1	–	1	1
Involutional psychoses	10	7	17	–	–	–	2	–	2	5	2	7	2	4	6	1	–	1	–	1	1
Due to other metabolic diseases, etc.	–	9	9	–	–	–	–	2	2	–	4	4	–	2	2	–	–	–	–	1	1
Due to new growth	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	1	4	5	–	–	–	–	2	2	–	1	1	1	1	2	–	–	–	–	–	–
Psychoneuroses	1	1	2	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	6	6	12	–	1	1	1	–	1	3	2	5	–	3	3	2	–	2	–	–	–
Dementia praecox	57	70	127	2	4	6	4	9	13	34	38	72	15	16	31	1	2	3	1	1	2
With psychopathic personality	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With mental deficiency	1	8	9	1	2	3	–	3	3	–	3	3	–	–	–	–	–	–	–	–	–
Without psychoses	6	1	7	–	–	–	3	1	4	2	–	2	–	–	–	1	–	1	–	–	–
Total	206	177	383	19	20	39	33	43	76	107	70	177	33	32	65	8	3	11	6	9	15

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0–2,499			2,500–9,999			10,000–24,999			25,000–49,999			50,000–99,999			100,000–249,999			500,000+			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	4	28	1	–	1	5	1	6	6	1	7	2	–	2	1	–	1	8	2	10	–	–	–	1	–	1
With epidemic encephalitis	–	2	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
With other infectious diseases	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	36	5	41	5	–	5	7	–	7	4	2	6	6	–	6	2	–	2	11	3	14	–	–	–	1	–	1
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	39	41	80	7	1	8	8	4	12	3	13	16	7	3	10	1	2	3	13	18	31	–	–	–	–	–	–
With other disturbances of circulation	5	5	10	1	1	2	–	–	–	1	1	2	1	–	1	–	1	1	2	2	4	–	–	–	–	–	–
With convulsive disorders (epilepsy)	2	3	5	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Senile psychoses	15	7	22	4	1	5	1	–	1	2	1	3	4	1	5	–	1	1	4	3	7	–	–	–	–	–	–
Involutional psychoses	10	7	17	–	–	–	–	–	–	3	1	4	2	–	2	1	1	2	4	5	9	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	9	9	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	7	7	–	–	–	–	–	–
Due to new growth	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
With organic changes of nervous system	1	4	5	–	1	1	1	2	3	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Manic-depressive psychoses	6	6	12	–	–	–	–	2	2	2	2	4	–	–	–	1	–	1	3	2	5	–	–	–	–	–	–
Dementia praecox	57	70	127	4	6	10	10	6	16	14	17	31	11	10	21	3	3	6	15	27	42	–	1	1	–	–	–
With psychopathic personality	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	1	8	9	–	–	–	–	1	1	–	2	2	1	1	2	–	2	2	–	2	2	–	–	–	–	–	–
Without psychoses	6	1	7	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–	4	–	4	–	–	–	–	–	–
Total	206	177	383	23	11	34	35	19	54	37	44	81	35	16	51	10	11	21	64	74	138	–	1	1	2	1	3

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	4	28	5	3	8	14	1	15	4	–	4	1	–	1
With epidemic encephalitis	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–
With other infectious diseases	2	–	2	–	–	–	–	–	–	1	–	1	1	–	1
Alcoholic psychoses	36	5	41	6	1	7	24	4	28	5	–	5	1	–	1
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Traumatic psychoses	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	39	41	80	13	23	36	15	11	26	11	5	16	–	2	2
With other distrubances of circulation	5	5	10	1	1	2	2	3	5	2	1	3	–	–	–
With convulsive disorders (epilepsy)	2	3	5	–	1	1	1	1	2	1	–	1	–	1	1
Senile psychoses	15	7	22	8	5	13	4	1	5	2	–	2	1	1	2
Involutional psychoses	10	7	17	1	–	1	9	6	15	–	–	–	–	1	1
Due to other metabolic diseases, etc.	–	9	9	–	2	2	–	6	6	–	1	1	–	–	–
Due to new growth	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–
With organic changes of nervous system	1	4	5	–	–	–	–	3	3	1	–	1	–	1	1
Psychoneuroses	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–
Manic-depressive psychoses	6	6	12	1	1	2	3	4	7	2	–	2	–	1	1
Dementia praecox	57	70	127	8	24	32	42	31	73	7	12	19	–	3	3
With psycnopathic personality	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
With mental deficiency	1	8	9	–	6	6	1	2	3	–	–	–	–	–	–
Without psychoses	6	1	7	–	–	–	4	1	5	2	–	2	–	–	–
Total	206	177	383	43	70	113	120	76	196	39	20	59	4	11	15

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	4	28	3	2	5	12	2	14	8	–	8	1	–	1
With epidemic encephalitis	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
With other infectious diseases	2	–	2	–	–	–	1	–	1	–	–	–	1	–	1
Alcoholic psychoses	36	5	41	–	–	–	–	–	–	36	5	41	–	–	–
Due to drugs, etc.	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	39	41	80	28	34	62	8	5	13	3	1	4	–	1	1
With other disturbances of circulation	5	5	10	3	4	7	1	–	1	1	–	1	–	1	1
With convulsive disorders (epilepsy)	2	3	5	–	1	1	2	1	3	–	1	1	–	–	–
Senile psychoses	15	7	22	6	6	12	7	–	7	2	–	2	–	1	1
Involutional psychoses	10	7	17	5	–	5	4	–	4	1	7	8	–	–	–
Due to other metabolic diseases, etc.	–	9	9	–	8	8	–	–	–	–	–	–	–	1	1
Due to new growth	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–
With organic changes of nervous system	1	4	5	–	3	3	–	1	1	1	–	1	–	–	–
Psychoneuroses	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–
Manic-depressive psychoses	6	6	12	1	2	3	3	2	5	2	1	3	–	1	1
Dementia praecox	57	70	127	19	56	75	26	11	37	11	2	13	1	1	2
With psychopathic personality	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
With mental deficiency	1	8	9	–	7	7	–	1	1	1	–	1	–	–	–
Without psychoses	6	1	7	2	1	3	–	–	–	4	–	4	–	–	–
Total	206	177	383	67	130	197	65	24	89	71	17	88	3	6	9

TABLE 12. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Divorced			Separated		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	4	28	4	–	4	12	2	14	4	2	6	1	–	1	3	–	3
With epidemic encephalitis	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
With other infectious diseases	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	36	5	41	10	1	11	22	4	26	2	–	2	2	–	2	–	–	–
Due to drugs, etc.	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	39	41	80	4	6	10	17	15	32	15	19	34	2	1	3	1	–	1
With other disturbances of circulation	5	5	10	2	–	2	3	2	5	–	3	3	–	–	–	–	–	–
With convulsive disorders (epilepsy)	2	3	5	1	–	1	1	3	4	–	–	–	–	–	–	–	–	–
Senile psychoses	15	7	22	1	2	3	7	–	7	7	4	11	–	1	1	–	–	–
Involutional psychoses	10	7	17	2	3	5	8	4	12	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	9	9	–	2	2	–	7	7	–	–	–	–	–	–	–	–	–
Due to new growth	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
With organic changes of nervous system	1	4	5	–	1	1	–	3	4	–	–	–	–	–	–	–	–	–
Psychoneuroses	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1
Manic-depressive psychoses	6	6	12	3	2	5	3	4	7	–	–	–	–	–	–	–	–	–
Dementia praecox	57	70	127	40	27	67	12	34	46	1	3	4	4	5	9	–	1	1
With psychopathic personality	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With mental deficiency	1	8	9	–	3	3	–	4	4	1	–	1	–	–	–	–	1	1
Without psychoses	6	1	7	2	1	3	1	–	1	2	–	2	1	–	1	–	–	–
Total	206	177	383	71	50	121	87	85	172	33	33	66	10	7	17	5	2	7

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1934, All Cases in Residence and All Cases Out on September 30, 1934, by Status of Admission and Sex*

Mental Disorders	All Admissions[1]						All Discharges[1]						All Deaths						Resident Population						Patients Out on Visit etc.					
	First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.x	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to or Associated with Infection:																														
Syphilis of the Central Nervous System:																														
Meningo-encephalitic type (general paresis)	24	4	28	–	1	1	5	4	9	–	–	–	10	–	10	–	–	–	49	16	65	2	1	3	5	3	8	–	–	–
Meningo-vascular type (cerebral syphilis)	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other types	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	1	–	1	4	3	7	–	1	1	1	–	1	–	–	–	7	4	11	1	1	2	2	–	2	–	–	–
With other infectious disease	2	–	2	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Intoxication:																														
Due to Alcohol:																														
Pathological intoxication	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Delirium tremens	10	1	11	1	–	1	5	–	5	–	–	–	–	–	–	1	–	1	5	–	5	–	–	–	3	1	4	–	–	–
Korsakow's psychoses	2	2	4	–	–	–	2	1	3	–	–	–	–	1	1	–	–	–	11	–	11	1	–	1	–	–	–	–	–	–
Acute hallucinosis	22	2	24	1	1	2	10	3	13	2	–	2	1	–	1	–	–	–	21	–	21	1	–	1	10	2	12	2	2	4
Other types	8	–	8	4	1	5	4	–	4	–	1	1	1	–	1	–	1	1	67	9	76	14	7	21	4	2	6	3	–	3
Due to Drugs or Other Exogenous Poisons:																														
Due to opium and derivatives	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Due to other drugs	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	1	1	2	–	–	–
Psychoses Due to Trauma:																														
Traumatic delirium	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Post-traumatic personality disorders	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–	1	–	1	–	–	–
Post-traumatic mental deterioration	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Psychoses Due to Disturbance of Circulation:																														
With cerebral arteriosclerosis	42	46	88	2	1	3	2	8	10	–	–	–	31	29	60	1	1	2	49	68	117	4	2	6	3	7	10	1	–	1
With cerebral embolism	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
With cardio-renal disease	4	6	10	–	–	–	–	2	2	1	1	2	2	1	3	–	–	–	4	6	10	–	–	–	–	1	1	–	–	–
Other types	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–

Psychoses Due to Convulsive Disorders (epilepsy):																															
Epileptic deterioration	1	2	3	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	2	2	1	2	3	1	1	2	–	–	–
Epileptic clouded states	2	–	2	–	–	–	4	–	4	–	–	–	1	–	1	–	–	–	5	–	5	1	1	2	–	–	–	–	–	–
Other epileptic types	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Psychoses Due to Disturbances of Metabolism, Growth, Nutrition or endocrine Function:																															
Senile Psychoses:																															
Simple deterioration	3	1	4	–	–	–	–	–	–	–	–	–	1	4	5	–	–	–	5	3	8	–	–	–	–	–	–	–	–	–
Presbyophrenic type	–	–	–	–	–	–	–	1	1	–	–	–	–	5	5	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Delirious and confused types	–	1	1	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
Depressed and agitated types	–	3	3	1	–	1	–	1	1	–	1	1	–	4	4	–	–	–	2	7	9	1	–	1	–	–	–	–	–	–
Paranoid types	13	2	15	1	–	1	3	1	4	–	–	–	4	1	5	–	1	1	20	13	33	1	–	1	2	1	3	–	–	–
Involutional psychoses:																															
Melancholia	10	6	16	3	2	5	4	2	6	1	–	1	1	3	4	1	–	1	40	20	60	10	6	16	3	6	9	–	1	1
Paranoid types	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	7	7	–	1	1	–	1	1	–	–	–
With diseases of the endocrine glands	–	3	3	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	2	2	–	–	–	–	2	2	–	–	–
Exhaustion delirium	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
With other somatic diseases	–	6	6	–	–	–	1	2	3	–	–	–	–	6	6	–	–	–	2	7	9	–	1	1	–	2	2	–	–	–
Psychoses Due to New Growth:																															
With intracranial neoplasms	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
With other neoplasms	–	2	2	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Unknown or Hereditary Causes, but Associated with Organic Changes:																															
With multiple sclerosis	–	2	2	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	1	1	2	–	–	–
With paralysis agitans	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
With other brain or nervous diseases	1	1	2	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disorders of Psychogenic Origin or Without Clearly Defined Tangible Cause or Structural Change:																															
Psychoneuroses:																															
Conversion hysteria:																															
Paralytic type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–
Amnesic type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Mixed hysterical psychoneurosis	4	1	5	–	–	–	4	–	4	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Psychasthenia or compulsive states:																															
Obsession	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed compulsive states	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Neurasthenia	2	1	3	–	–	–	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Reactive depression	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses:																															
Manic type	3	4	7	6	8	14	7	6	13	7	3	10	–	–	–	2	1	3	9	6	15	15	14	29	6	5	11	5	6	11
Depressive type	2	2	4	2	6	8	8	6	14	4	1	5	–	1	1	–	1	1	8	13	21	5	10	15	3	8	11	2	11	13

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1934, All Cases in Residence and All Cases Out on September 30, 1934, by Status of Admissions and Sex* — Concluded.

Mental Disorders	All Admissions[1]						All Discharges[1]						All Deaths						Resident Population						Patients Out on Visit etc.					
	First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Circular type	–	1	1	–	1	1	–	–	–	1	1	2	–	–	–	–	–	–	3	7	10	5	14	19	2	1	3	–	–	–
Mixed type	1	–	1	2	–	2	1	–	1	–	2	2	–	–	–	–	–	–	–	2	2	1	1	2	1	1	2	2	4	6
Dementia praecox (schizophrenia):																														
Simple type	1	11	12	2	2	4	–	4	4	–	2	2	–	–	–	–	–	–	1	23	24	4	8	12	1	7	8	–	–	–
Hebephrenic type	3	14	17	2	4	6	1	6	7	2	–	2	1	–	1	1	1	2	55	53	108	37	27	64	2	8	10	3	–	3
Catatonic type	35	23	58	9	7	16	19	19	38	4	6	10	2	3	5	1	2	3	157	161	318	38	67	105	29	13	42	6	8	14
Paranoid type	19	26	45	9	9	18	3	17	20	6	3	9	1	4	5	3	1	4	87	210	297	21	69	90	11	21	32	3	6	9
Other types	–	1	1	–	2	2	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1	–	2	2	–	–	–	–	–	–
Paranoid conditions	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With psychopathic personality	1	1	2	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	3	3	6	–	1	1	–	–	–	–	–	–
With mental deficiency:																														
Idiot	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	2	–	2	1	1	2	–	–	–	–	–	–
Imbecile	1	3	4	1	–	1	–	–	–	–	–	–	2	–	2	–	–	–	19	18	37	11	4	15	–	1	1	–	–	–
Moron	–	3	3	2	–	2	3	5	8	–	–	–	–	–	–	1	–	1	19	16	35	5	5	10	2	2	4	–	–	–
Unknown	–	3	3	–	1	1	–	2	2	–	–	–	–	1	1	–	–	–	–	2	2	–	1	1	–	–	–	–	–	–
Undiagnosed Psychoses:																														
Without Psychoses:																														
Alcoholism	10	–	10	2	–	2	9	–	9	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Drug addiction	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychopathic personality:																														
Mixed types	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Mental deficiency:																														
Idiot	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	3	5	–	–	–	–	–	–	–	–	–
Imbecile	3	2	5	1	–	1	3	1	4	–	–	–	1	–	1	–	–	–	6	5	11	1	–	1	–	1	1	–	–	–
Moron	2	–	2	–	–	–	4	–	4	2	–	2	–	–	–	–	–	–	2	1	3	–	1	1	–	1	1	–	–	–
Epilepsy and mental deficiency:																														
Moron	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Other non-psychotic diseases or conditions	7	1	8	2	2	4	7	1	8	1	2	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
No other condition	3	–	3	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Grand Total	243	197	440	58	48	106	124	104	228	34	26	60	62	76	138	12	10	22	671	702	1,373	182	252	434	95	102	197	28	38	66

[1]Does not include transfers

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	4	9	1	–	1	4	4	8	–	–	–
With other forms of syphilis	–	1	1	–	–	–	–	1	1	–	–	–
With epidemic encephalitis	4	4	8	–	1	1	4	3	7	–	–	–
With other infectious diseases	–	1	1	–	1	1	–	–	–	–	–	–
Alcoholic psychoses	17	3	20	11	–	11	6	3	9	–	–	–
Due to drugs, etc.	1	2	3	–	1	1	–	1	1	1	–	1
Traumatic psychoses	1	–	1	–	–	–	1	–	1	–	–	–
With cerebral arteriosclerosis	1	6	7	–	1	1	–	4	4	1	1	2
With other disturbances of circulation	1	2	3	1	1	2	–	1	1	–	–	–
With convulsive disorders (epilepsy)	3	–	3	2	–	2	1	–	1	–	–	–
Senile psychoses	2	4	6	–	–	–	2	3	5	–	1	1
Involutional psychoses	5	2	7	2	–	2	3	2	5	–	–	–
Due to other metabolic diseases, etc.	1	1	2	–	–	–	–	1	1	1	–	1
Due to new growth	–	1	1	–	–	–	–	1	1	–	–	–
With organic changes of nervous system	2	–	2	–	–	–	2	–	2	–	–	–
Psychoneuroses	–	2	2	–	–	–	–	1	1	–	1	1
Manic-depressive psychoses	28	18	46	18	4	22	8	14	22	2	–	2
Dementia praecox	29	49	78	–	–	–	22	45	67	7	4	11
Paranoia and paranoid conditions	1	–	1	–	–	–	–	–	–	1	–	1
With mental deficiency	3	6	9	1	–	1	2	6	8	–	–	–
Without psychoses	9	–	9	–	–	–	–	–	–	–	–	–
Total	113	106	219	36	9	45	55	90	145	13	7	20

TABLE 15. *Hospital Residence during This Admission of Court First Admissions Discharged during 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	4	9	1.01	1.35	1.16
With other forms of syphilis	–	1	1	–	.20	.20
With epidemic encephalitis	4	3	7	2.16	.12	1.28
With other infectious diseases	–	1	1	–	.20	.20
Alcoholic psychoses	16	3	19	.79	.29	.71
Due to drugs, etc.	–	1	1	–	.20	.20
Traumatic psychoses	1	–	1	.29	–	.29
With cerebral arteriosclerosis	1	6	7	.29	.23	.24
With other disturbances of circulation	–	1	1	–	.20	.20
With convulsive disorders (epilepsy)	3	–	3	.62	–	.62
Senile psychoses	2	3	5	.89	.21	.48
Involutional psychoses	4	2	6	.93	.59	.81
Due to other metabolic diseases, etc.	1	1	2	.20	.04	.12
Due to new growth	–	1	1	–	.46	.46
With organic changes of nervous system	2	–	2	.54	–	.54
Psychoneuroses	–	2	2	–	1.94	1.94
Manic-depressive psychoses	16	11	27	9.16	1.21	1.03
Dementia praecox	20	40	60	1.53	.99	1.17
Paranoia and paranoid conditions	1	–	1	.79	–	.79
With mental deficiency	3	6	9	1.10	5.23	3.86
Without psychoses	6	–	6	.60	–	.60
Total	85	86	171	1.04	1.16	1.10

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders*

Causes of Death	Total			With syphilitic meningo-encephalitis			With other forms of syphilis			With epidemic encephalitis			With other infectious diseases			Alcoholic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses			Involutional psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																																	
Dysentery	2	5	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2
Erysipelas	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lethargic encephalitis (epidemic)	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	3	–	3	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis (non-nervous forms)	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																																	
Cancer and other malignant tumors	2	14	16	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	1	2	3	–	3	3
Tumor (non-cancerous)	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																																	
Diabetes	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–
Diseases of the thyroid and parathyroid glands	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Blood and Blood-making Organs:																																	
Leukemias and pseudo-leukemias	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																																	
Cerebral hemorrhage	9	4	13	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	6	2	8	–	–	–	–	–	–	–	–	–	1	–	1
General paralysis of the insane	7	–	7	7	–	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Epilepsy	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Other diseases of the nervous system	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																																	
Chronic endocarditis (valvular disease)	2	5	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the myocardium	9	16	25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8	7	15	–	–	–	–	–	–	–	5	5	–	–	–
Diseases of the coronary arteries and angina pectoris	4	1	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–	2	–	2	–	–	–
Other diseases of the heart	2	3	5	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–	–	1	1	–	–	–
Arteriosclerosis	9	5	14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	7	1	8	1	–	1	–	–	–	1	3	4	–	–	–
Gangrene	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3	–	1	1	–	–	–	–	–	–	–	–	–
Other diseases of the arteries	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System:																																	
Bronchopneumonia (including capillary bronchitis)	3	4	7	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	2	–	–	–	–	–	–	–	2	2	–	–	–
Lobar pneumonia	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–

Diseases of the Digestive System:																																				
Other diseases of the stomach (cancer excepted)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diarrhea and enteritis	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Appendicitis	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:	–	–	–																																	
Nephritis (acute, chronic and unspecified)	2	5	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	5	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Skin and Cellular Tissue:	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																																				
Suicide	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental traumatism	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Total	70	84	154	10	–	10	–	1	1	1	–	1	2	–	2	2	2	4	30	28	58	2	2	4	1	1	2	5	17	22	2	4	6			

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders* — Concluded

Causes of Death	Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Manic-depressive psychoses			Dementia praecox			With psychopathic personality			With mental deficiency			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																								
Dysentery	–	–	–	–	–	–	–	1	1	–	2	2	1	–	1	–	–	–	–	–	–	–	–	–
Erysipelas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Lethargic encephalitis (epidemic)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1
Syphilis (non-nervous forms)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																								
Cancer and other malignent tumors	–	2	2	–	2	2	–	–	–	–	–	–	1	2	3	–	1	1	–	–	–	–	–	–
Tumor (non-cancerous)	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																								
Diabetes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the thyroid and parathyroid glands	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Blood and Blood-making Organs:																								
Leukemias and pseudo-leukemias	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																								
Cerebral hemorrhage	–	1	1	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Epilepsy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																								
Chronic endocarditis (valvular disease)	1	1	2	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Diseases of the myocardium	–	1	1	–	–	–	–	–	–	–	–	–	–	3	3	–	–	–	1	–	1	–	–	–
Diseases of the coronary arteries and angina pectoris	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Other diseases of the heart	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the arteries	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System:																								
Bronchopneumonia (including capillary bronchitis)	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Lobar pneumonia	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																								
Other diseases of the stomach (cancer excepted)	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Diarrhea and enteritis	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Appendicitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–

Diseases of the Genito-Urinary System:																								
Nephritis (acute, chronic and unspecified)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Diseases of the Skin and Cellular Tissue:	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																								
Suicide	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental traumatism	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Total	1	6	7	–	2	2	–	4	4	2	3	5	9	12	21	–	1	1	2	1	3	1	–	1

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years			50–54 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	10	–	10	–	–	–	1	–	1	1	–	1	1	–	1	–	–	–	1	–	1
With other forms of syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With other infectious diseases	2	–	2	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
With cerebral arteriosclerosis	30	28	58	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
With other disturbances of circulation	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	1	1	2	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–
Senile psychoses	5	17	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	2	4	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	6	7	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
Due to new growth	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	4	4	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Manic-depressive psychoses	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox	9	12	21	–	–	–	–	–	–	–	–	–	2	2	4	–	–	–	1	3	4
With psychopathic personality	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	70	84	154	1	1	2	2	1	3	2	–	2	4	3	7	1	3	4	3	5	8

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	55–59 years			60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	–	2	1	–	1	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–
With other forms of syphilis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	–	–	–	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	–	–	–	2	4	6	2	4	6	9	3	12	10	5	15	3	7	10	3	4	7
With other disturbances of circulation	1	–	1	–	2	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	–	–	–	1	1	2	1	3	4	1	2	3	1	2	3	1	–	1	–	9	9
Involutional psychoses	–	–	–	1	1	2	1	–	1	–	2	2	–	1	1	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	1	1	–	1	1	–	1	1	1	1	2	–	–	–	–	–	–	–	–	–
Due to new growth	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
With organic changes of nervous system	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	–	–	1	1	2	1	–	1	–	2	2	–	–	–	–	–	–	–	–	–
Dementia praecox	–	–	–	1	1	2	2	3	5	1	–	1	1	2	3	1	1	2	–	–	–
With psychopathic personality	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
With mental deficiency	–	–	–	–	–	–	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	3	3	6	7	12	19	13	13	26	13	11	24	13	11	24	5	8	13	3	13	16

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

PSYCHOSES	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	10	–	10	–	–	–	–	–	–	4	–	4	2	–	2	2	–	2
With other forms of syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With other infectious diseases	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	2	2	4	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	30	28	58	7	4	11	2	6	8	6	2	8	3	3	6	7	6	13
With other disturbances of circulation	2	2	4	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1
Senile psychoses	5	17	22	–	–	–	–	3	3	3	4	7	–	2	2	1	4	5
Involutional psychoses	2	4	6	–	–	–	–	–	–	1	–	1	–	–	–	1	1	2
Due to other metabolic diseases, etc.	1	6	7	–	2	2	–	1	1	–	–	–	–	–	–	1	1	2
Due to new growth	–	2	2	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
With organic changes of nervous system	–	4	4	–	3	3	–	–	–	–	–	–	–	–	–	–	1	1
Manic-depressive psychoses	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Dementia praecox	9	12	21	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
With psychopathic personality	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	2	1	3	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Without psychoses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	70	84	154	11	13	24	3	10	13	15	7	22	5	6	11	13	15	28

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded

PSYCHOSES	3–4 years			5–6 years			7–8 years			9–10 years			11–12 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other forms of syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
With cerebral arteriosclerosis	2	4	6	1	1	2	2	–	2	–	1	1	–	1	1	–	–	–	–	–	–
With other disturbances of circulation	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	1	3	4	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1
Due to other metabolic diseases, etc.	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	1	1
Dementia praecox	–	2	2	1	1	2	–	2	2	1	–	1	1	–	1	–	1	1	5	5	10
With psychopathic personality	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Without psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Total	5	13	18	4	3	7	4	4	8	2	2	4	2	1	3	–	2	2	6	8	14

TABLE 19. *Average Length of Hospital Residence during the Present Admission of All First Admission Cases in Residence on September 30, 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T
With syphilitic meningo-encephalitis	49	16	65	2.71	3.18	2.82
With other forms of syphilis	2	–	2	3.00	–	3.00
With epidemic encephalitis	7	4	11	5.21	5.00	5.14
Alcoholic psychoses	104	9	113	6.55	13.06	7.07
Due to drugs, etc.	–	2	2	–	3.98	3.98
Traumatic psychoses	4	1	5	9.00	.45	7.29
With cerebral arteriosclerosis	49	68	117	1.80	1.99	1.91
With other disturbances of circulation	5	6	11	2.07	5.32	3.84
With convulsive disorders (epilepsy)	5	2	7	5.29	10.00	6.64
Senile psychoses	28	25	53	2.80	4.09	3.41
Involutional psychoses	40	27	67	3.76	2.95	3.44
Due to other metabolic diseases, etc.	2	12	14	10.50	2.82	3.94
Due to new growth	–	1	1	–	12.50	12.50
With organic changes of nervous system	1	2	3	7.50	.98	3.15
Psychoneuroses	–	3	3	–	2.15	2.15
Manic-depressive psychoses	20	28	48	6.94	5.29	6.00
Dementia praecox	300	448	748	8.91	9.40	9.21
With psychopathic personality	3	3	6	8.48	15.83	12.16
With mental deficiency	40	36	76	11.25	6.27	8.89
Without psychoses	12	9	21	8.99	13.78	11 04
Total	671	702	1,373	6.96	2.25	4.55

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmission Cases in Residence on September 30, 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	1	3	2.00	.45	1.48
With epidemic encephalitis	1	1	2	.45	2.50	1.48
Alcoholic psychoses	16	7	23	8.81	6.36	8.06
With cerebral arteriosclerosis	4	2	6	1.99	.98	1.65
With other disturbances of circulation	–	1	1	–	12.50	12.50
With convulsive disorders (epilepsy)	2	3	5	3.00	14.83	10.10
Senile psychoses	2	–	2	.45	–	.45
Involutional psychoses	10	7	17	1.99	3.63	2 66
Due to other metabolic diseases, etc.	–	2	2	–	12.50	12.50
With organic changes of nervous system	–	1	1	–	1.50	1.50
Psychoneuroses	–	2	2	–	4.50	4.50
Manic-depressive psychoses	26	39	65	7.66	5.03	6.08
Dementia praecox	100	173	273	11.38	8.09	9.29
With psychopathic personality	–	1	1	–	7.50	7.50
With mental deficiency	17	11	28	8.52	10.68	9.37
Without psychoses	2	1	3	.45	4.50	1.80
Total	182	252	434	9.13	7.51	8.12

TABLE 20. *Family Care Statistics for Year Ending September 30, 1934*

	Males	Females	Total
Remaining in Family Care September 30, 1933	–	4	4
On Visit from Family Care September 30, 1933	–	–	–
Admitted to Family Care During the Year	–	3	3
Whole Number of Cases within the Year	–	7	7
Discharged from Family Care within the Year	–	1	1
From Family Care to Visit Status	–	1	1
Returned to Institution	–	1	1
Remaining in Family Care September 30, 1934	–	4	4
On Visit from Family Care September 30, 1934	–	1	1
Average Daily Number in Family Care During Year:	–	3.42	3.42
Supported by State	–	1	1

Public Document No. 21

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1935

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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NORTHAMPTON STATE HOSPITAL

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TRUSTEES' REPORT

To His Excellency, the Governor of the Commonwealth and the Honorable Council:

The Trustees of the Northampton State Hospital respectfully submit herewith their report for the year ending November 30, 1935, including the report of the Superintendent covering the same period.

Meetings of the Board are being held on the second Thursday of each month, with very good attendance. Two members of the Board are appointed at the monthly meetings to make an inspection of the entire plant and report findings to the full Board at the subsequent meeting. This gives plenty of time during the monthly interval for inspection and opportunity for a more detailed report.

Five major P. W. A. building projects have been in progress during the year. The new heating plant on Earl Street near the railway siding has been completed and was put into operation June 12, 1935. The entire heat and hot water supply for the institution is derived directly and indirectly from this plant, the steam mains being carried in tunnels that are mostly available for subway travel as well. This new heating plant eliminates the necessity for a half mile haul of coal to the old power house. A unit to accommodate one-hundred and fifty female patients is

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being added to the new group of ward buildings on the south side of Prince Street. It should be ready for occupancy before next spring. A new cafeteria with a feeding capacity of one thousand patients is being built near, but detached from, this ward building. It will accommodate all the patients in the new group of ward buildings when completed and should be ready for use soon. A new laundry on Earl Street near the heating plant is nearly completed but will probably not be equipped and ready for use before spring. Additions to and remodeling of the farm ward into a storehouse and cold storage have been started and is progressing satisfactorily.

Each of the items of new construction listed above fill a long felt want and were urgently needed to relieve "growing pains". However, there are several other imperative construction needs at this hospital. The most important of these is a new kitchen and congregate diningroom to serve the main hospital building. The kitchen that prepares food for nearly two thousand and three hundred people (patients and employees) is no larger now than when it served less than half the present number. So limited is the space and equipment in our kitchen that it is necessary to start frying fish three hours before it is served to the patients. This is but one example of many that might be given of our serious lack of kitchen facilities. Add to this the fact that the patients in the main hospital are fed in twenty-five separate diningrooms, all of them overcrowded and many over-flowing into day space, and you find a condition that shows little or no improvement over the old time asylum. Our assembly room seats about five hundred patients and does not allow more than half of those desiring and able to attend religious services and entertainments to do so. There is at this hospital no clinical laboratory worthy of the name. Our present laboratory set-up could be duplicated in the office of almost any country practitioner of medicine. At this writing, plans for a new building to be offered as a P.W.A. project are being made. This project would erect a new building to be used as a kitchen and cafeteria dining-room to serve the main hospital and would include enlargement of the present assembly room. If this project is allowed, a serious handicap to hospital efficiency will have been overcome.

The overcrowding of patients at this hospital is a rather serious matter but this will be relieved, temporarily at least, in the female service with the opening of the new ward building described above. There is at this time no relief in sight for the overcrowding of male patients. Last summer when the work of remodeling the farm ward into a storehouse and cold storage was started, it was necessary to bring the sixty patients housed in the farm ward into the already crowded main wards. We feel very strongly that construction of the two ward buildings planned for men in the new detached group, where cafeteria feeding service will be available shortly, should be started without delay.

The dairy barns and piggeries are old, unsafe and constitute a serious fire hazard. They are located within one hundred feet of the main buildings and should in the near future be razed and new buildings erected on a site more centrally located on the farm about one-half mile distant from the main buildings. Near them should also be erected a small building to house and feed about one-hundred male patients and a few farm employees. The whole to constitute a farm colony.

Other new construction that should be given consideration is the erection of a separate building for noisy and disturbed patients, a building for occupational and industrial therapy and a house for the Superintendent. The quarters at present occupied by the Superintendent could at no great expense be converted into a surgical unit and infirmary the latter to be used for sick employees.

As may be seen from the statistical tables appended hereto, the turnover in patient population at this hospital is now large. We trust that due consideration will be given to requests for increased personnel and minor improvements in the 1936 budget.

It is with deep sorrow that we report the death on February 16, 1935, of Edward W. Whitney, M.D., Superintendent since November 8, 1933. Dr. Whitney had served this hospital faithfully and well over a long period of years, first as assistant physician, later as assistant superintendent and for two periods as acting superintendent.

At a meeting of the Board held April 4, 1935, Arthur N. Ball, M.D., Assistant to the Commissioner of Mental Diseases, was chosen as Superintendent and began his duties in that capacity May 11, 1935.

In the interval between February 16 and May 11, 1935, Guy C. Randall, M.D., Assistant Superintentent, served as Acting Superintendent in a very creditable manner.

We wish to express at this time our appreciation for the excellent cooperation given us by the State Department of Mental Diseases and for the faithful services of the hospital employees.

Respectfully submitted,

John C. O'Brien, M.D., *Chairman*
Emily N. Newton, *Secretary*
Laurence D. Chapin, *M.D.*
Albert M. Darling
Mrs. Jessie Bassett
Mrs. Anne Heffernan
Samuel Michelman
Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I submit my report for the year 1935.

Movement of Population

The number of patients on our books October 1, 1934, was 2,070. There were admitted during the year 634 making a total of 2,704 under care and treatment during the year. There were discharged to their relatives and transferred to other institutions 350 patients. One hundred and seventy-six deaths occurred leaving 2,178 patients on the books of this hospital on September 30, 1935, of which 1,878 were actually in the hospital and 300 patients on visit, or otherwise absent.

Personnel

During the year the following changes were made in the Medical Staff:

Dr. Fernand Longpre, formerly on the staff at the Taunton State Hospital, was appointed to the position of Assistant Physician on January 1, 1935.

Dr. Edward Whitney, Superintendent, died on February 16, 1935, after a brief illness.

Dr. Arthur N. Ball, became Superintendent on May 11, 1935.

Dr. Henry R. Craig, formerly on the staff at the Worcester State Hospital, was appointed Assistant Physician on November 11, 1935.

Psychiatric Service

All new admissions are brought before either a Staff Meeting or a Staff Conference and the cases considered relative to diagnosis, treatment and disposition. This is done in most cases sometime during the third week of residence. Staff Meetings are held each morning excepting Saturday, Sunday and Holidays at 8:30 A.M. and usually last for one hour. At these Staff Meetings matters pertaining to administration and therapeutics are also discussed. These Staff Meetings are too limited to consider each new admission so only the more important ones are brought before it. All other new admissions are discussed at Staff Conferences presided over usually by the Assistant Superintendent and attended by the physicians on the male service when male patients are considered and by the physicians on the female service when female patients are being considered. There is no regular hour for these Staff Conferences, they are called by the Assistant Superintendent whenever there are a sufficient number of cases to be considered. The Staff Conferences are more informal than the Staff Meetings and the case records are usually reviewed merely in abstract. At both Staff Meetings and Staff Conferences free discussion is encouraged and each staff member is requested to participate in the discussion.

All history records are made as complete as our limited clerical force will permit. Routine progress notes are made semi-annually and physical examinations annually, each physician being given at the beginning of the week a list of patients upon whom he is expected to make and record examinations.

Medical Service

During the year M. Gene Black, M.D., has started a study of all the patients in an attempt to discover any unsuspected cases of pulmonary tuberculosis. Dr. Black visits the hospital every second week and is assisted in her fluoroscopic examinations by one physician from the Male Service and one physician from the Female Service. During the short time these examinations have been made several cases of pulmonary tuberculosis, some of them active, have been discovered. This brings up the question of treatment for and isolation of tubercular patients. At the present time we have no wards for tubercular patients but active cases have been segregated in one of the infirmary wards and precautions have been taken in an endeavor to prevent contagion. I would suggest to the Board of Trustees that they consider in the near future some means whereby better isolation of tubercular patients can be had than is at present available. This would, in my opinion, necessitate a separate building devoted to the care of tubercular patients.

The usual vaccination against typhoid fever and smallpox, as before, has been carried out as is the test and immunizations for diptheria. General medical treatment has been administered whenever necessary.

This hospital has no facilities for major surgery and it is to be hoped that some arrangement can soon be made whereby an operating room and surgical suite can be built and equipped.

Dental Department

The resident dentist examines the teeth of all new patients soon after their admission to the hospital and gives them what treatment seems best. The following is a summary of the other work done by the dentist during the year besides the general routine examinations: — Fillings, 989; dental plates made or repaired, 57; teeth cleaned 1,255; extractions ,796; treatment of teeth or gums 397; miscellaneous treatments, etc., 35.

Laboratory

Our laboratory facilities are painfully inadequate. Our laboratory space is small and its equipment is almost negligible. During the latter part of the fiscal year just ended some pieces of laboratory apparatus have been bought out of our appropriation for medical and general care. This apparatus includes an up-to-date microtone, incubator, autoclave, blood sugar apparatus and other small pieces of equipment. It is planned to construct an up-to-date laboratory in the building now being planned as a kitchen and central diningroom.

School for Psychiatric Nursing.

A two year course in psychiatric nursing is being given under the direct supervision of the Principal of School of Nursing, assisted by the members of the medical staff. There were six seniors who graduated last June and at the present time there are in the senior class eight, and nine in the junior class. While this work of training consumes a great deal of valuable time, it is felt to be well worth while. The course given does not qualify the graduates to register, although I am inclined to believe that many of them are as well equipped to do ordinary nursing as the graduates of some general hospitals giving the regular three year course. At any rate the graduates of the psychiatric training school are better equipped to do psychiatric nursing than are the registered graduates of general hospitals.

Occupational and Industrial Therapy

The Occupational Therapy Department has conducted classes in the occupational work room and also on the various wards for patients who are unable to go to the general work room. The following is a list of the articles made in our Occupational Therapy Department: Towels, 6,727; pillow slips, 2,626; face cloths, 290; stand covers, 239; runners, 6; pillows, 83; pillow covers, 2; curtains, 47; valances, 2; sheets, 64; rugs, 26; tie backs, 291; waste baskets, 18; bags, crocheted, 2; pot holders, 10; dresser set, 1; sacks, 2,160; tapes, 3,200; costumes, Dresses, 5; pants, 6; monkey suit, 1; scenery (painted), 1; beans (shelled), 20 bus.

We do not have a recreational director, therefore, the Occupational Therapist has to take charge of the various forms of recreation and entertainments held in our Assembly Hall. During the year there were 118 Church services; 3 lectures; 27 E.R.A. concerts; 31 movies; 1 play; 3 minstrels; 1 dance review; 12 dances; 16 vaudeville shows; 4 parties; 1 Christmas tree exercise; 2 picnics; 1 field day; 19 baseball games; 15 soft-ball games:

The Industrial Therapy Department, which has space inadequate for the size of this hospital, has been busy during the past year. The following is a summary of the work done in this department: Shoes repaired, 1,043; Mattresses made, 726; pillows made, 382; brooms, 30; rugs, 316; jumpers, 176; overalls, 308 pr.; shirts, 466; hydro pillows, 20; canvas mattresses, 41; cushions recovered, 47; chairs, covered, 84; clocks, repaired 6; brushes made, 113; couch recovered, 1; laundry baskets repaired, 43; aluminum ware repaired, 210; forms printed, 52,475.

Out-Patient Department

Out-Patient Clinics

	M.	F.	T.
Patients reporting at clinics	87	343	430
Inquiries regarding patients at clinics	173	340	513

Consultations

Referred by:	M.	F.	T.
Social agencies	24	53	77
Schools	0	1	1
Physicians	16	24	40
Relatives	10	10	20
Self	3	4	7
Making a total of	53	92	145
Treatment cases	32	46	78

School Clinic

First examinations	238	121	359
Re-examinations	144	52	196
Making a total of	382	173	555

Court Work

Total number of Court cases during the year	118	47	165

Referred from:		Type of Cases:	
Springfield	105	Section 215	149
Pittsfield	11	Section 99	2
North Adams	7	Unclassified	14
Westfield	13		
Northampton	21		
Great Barrington	3		
Lee	4		
Greenfield	1		

The grand total of all people seen in the Out-patient Department during the year was 1,886; 845 male and 1,041 female.

Social Service Department

The Social Service Department has had the continuous services of two workers during the past year with no volunteer work and no changes in staff.

Miss Rhoda Smith has occupied the position of Senior Psychiatric Social Worker and the junior position has been occupied by Miss Marguerite Mower.

There appears to be a gradual increase in the work of every branch of the Department with the exception of the Child Guidance Clinic work. This branch of service has failed to increase, not because of a lack of demand, but due to a definite time limitation in order that the work in connection with the hospital should be neglected.

There is a tendency toward change in the trend of social service work. Family Care service of boarding patients outside the hospital, helping them to find employment and assisting them to take their place in the community, has been encouraged. As a result, more time has been spent in efforts to locate and in investigating suitable homes as well as supervising patients already in boarding care. The service of trying to establish patients in the community has been much in demand, whether in regard to boarded out patients or patients in the hospital.

Another change, or addition, to our service has been assisting with interviews in the Springfield out-patient clinic. This clinic has been gradually growing in size until the out-patient phychiatrist found it practically impossible to contact, during the allotted time of one afternoon a month, all the patients who came. Since Springfield has a larger number of patients under supervision than any other place in the district, attendance at the out-patient clinic made it possible for the social worker to keep in touch with more patients in this area and at the same time assist the psychiatrist with the clinic work. The work started beginning with September, 1935.

During the year the Social Service Department contributed 143 medical social histories to aid in diagnosis; 419 patients were supervised in their homes; 18 patients under supervision were helped, in some definite way, to adjust themselves in the community; 141 visits to relatives of patients; 34 visits to other persons; 33 visits to social agencies were made in regard to patients undersupervision; 38 special personal services were done for patients in the hospital; information was sent to 9 other hospital or social agencies regarding patients; 39 special investigations were made for patients in the hospital; 8 patients were visited on the ward; employment was obtained for 6 patients; 3 patients were placed in boarding homes and 10 homes were investigated as possible places to board patients.

One day a week has been given strictly to Social Service work in the community. The Northampton and Holyoke Child Guidance Clinics have been supervised by the senior worker. There have been 167 interviews held with teachers, parents, or others concerned with children referred to the clinics; 58 clinics; have been attended; 13 telephone calls and 9 home investigations were made regarding children receiving clinic treatment.

Each year a certain amount of time is devoted to attending educational and professional meetings in order to keep informed on the newer developments of Social Service work. During this year 38 such meetings were attended outside the hospital. In addition, 41 medical staff meetings were attended at the hospital.

Steward's Department

This department is concerned principally with the problem of feeding the entire population and clothing the patient population of the hospital. With our antiquated kitchen and diningroom set-up the task of preparing, and particularly of serving meals, is a difficult one. The feeding of patients is carried out in twenty-eight separate diningrooms located at considerable distance from the kitchen. The ward diningrooms themselves are small and few of them are able to accommodate the number of patients in the ward so that it is necessary to set up tables in the hallway in most wards. The kitchen, which was built to serve approximately 700 people, now is obliged to serve more than three times that number. If the new kitchen and diningroom being planned as a W.P.A. project is granted, the condition above mentioned will be eliminated. The proper clothing of the patients has become more and more of a problem during the last two or three years, — this is undoubtedly due to the fact that fewer patients are home furnished because of adverse economic conditions.

The Steward's department also has to purchase or requisition all hospital supplies. This involves a great amount of clerical work as well as planning an estimation of future needs. All laundry work and general housekeeping, under the direct supervision of the Head-housekeeper; the greenhouse and grounds, under the florist and the garage, housing all of the State owned automobiles, are also under the general supervision of the Steward.

Farm Report

Some of the crops suffered from the drouth, but there is an abundance for the institutional needs. The following are the weights in pounds for some of the major crops: Hay, 600,000; greenfeed, 416,000; apples, 66,000; asparagus, 2,600; beets, 56,200; cauliflower, 2,700; string beans, 25,000; cabbage, 87,000; carrots, 48,500; corn (sweet), 23,200; squash, 14,600; scullions, 7,500; tomatoes, 109,245; cucumbers, 15,800; dandelions, 8,900; lettuce, 3,900; spinach, 8,100; turnips,

68,300; mangels, 52,000; onions, 84,000; parsnips, 20,500; peas, 5,800; potatoes, 86,000; peppers, 1,500; rhubarb, 9,400; strawberries, 9,800 qts.

Of the above amounts 125,000 pounds went to the canning room.

The dairy is in the best condition it has been for several years. The milk production was 623,000 lbs., and we had 10,400 pounds of beef.

From the poultry department we had 10,509 dozen of eggs and 7,800 lbs. of dressed meat.

The swine herd is in good condition with 527 head. During the year we had 91,000 lbs. of dressed pork.

Much time has been devoted during the year to clearing stone from several fields. Over 300 loads of stone were drawn to the stone crusher.

The poultry, swine and dairy buildings are in very poor condition.

Construction

During the year much new W. P. A. construction has been carried on. This includes a new Power Plant, serving the entire hospital. It is located on Earl Street near the railroad siding. This plant has been in very satisfactory operation since June. A new building to accommodate one-hundred and fifty women patients is nearly completed and should be ready for occupancy in the spring. A new cafeteria to serve the patients in the new group of buildings on the south side of Prince Street is also nearly completed and should be ready for use in the spring. A new laundry located on Earl Street near the Power Plant is roofed in and should be ready for use in the spring. The remodeling of the old farm ward into a storehouse and cold-storage house was started during the summer and is progressing favorably. The work of renovating the building known as the Braman house is nearly completed and this house should be, within a few months, ready for occupancy by one of the physicians and his family.

Among other work done by the hospital construction force has been the remodeling of the inside of the old horse stable, now used as a garage, so that it would accommodate more cars; the building of a two-car garage of concrete brick construction near the Braman house; the building of two-hundred feet of roadway; the renovation of several offices in the administration building and a great amount of painting in the wards, as well as miscellaneous repair work, which is necessitated because of the age of most of the buildings.

Engineer's Department

New Power Plant

New boiler plant was put into operation, including a new turbine driven fire pump.

Electrical Work

Replaced electric wiring and fixtures as follows: — 5 offices in Administration building; first floor in South Infirmary; Lower second North diningroom; 3 shower rooms at third halls, North; House No. 17; Diningroom at Lower second North; and the dental office.

Other lighting fixtures were replaced as follows: — Treasurer's office and the corridors of Lower first, North; Lower second, North and North Infirmary.

Installed an electric service cable from new dining hall to four houses on Chapel Street.

Electric service cables were installed between Tunnel E and House No. 1 for service to Houses No. 1, 11, and 12 and the electric service cable to the Nurses' Home and Employees' Home, South was connected to the cables in the attendants' Home by contract with the Interstate Electric Construction Corporation of Springfield., Mass

Plumbing and Steamfitting

Installed nine new shower stalls at the third halls, North.

Installed a 4-inch C. I. pipe line for main water supply to garage. Also replaced an old water piping in garage basement and installed fire hose on the main floor.

Replaced a bath tub in single tub room at South Infirmary — 1 and connected a hot water controller to same.

Installing plumbing fixtures and piping to same at No. House 17.

Laid new Akron tile from main sewer line in front of garage to garage basement.

Salvaged plumbing fixtures, water piping and sprinklers from the Farm Ward building before contractor started to renovate interior of building.

Installed a water closet, lavatory and piping to same in chauffeur's room at garage

Installed a steam heating system in House No. 17.

Installed steam and return lines in concrete box from dining building to houses on Chapel Street.

Steam line to Male Attendants' Home was connected to 8″ high pressure steam main in basement of home and old supply line from basement of Employees' Home South was connected for a return main.

Dismantled steam line to old fire pumps.

Replaced a leaky steam heating boiler in House No. 2, West side, with one removed from House No. 13.

Made guards from perforated sheet steel for heating coils in annex at South Infirmary 1 and 2.

Four radiator guards installed in water sections of S.I.I., 2, 3, and 4 by the Wickwire Spencer Company of Worcester, Mass.

Connected domestic water heaters in A.I., B.I., and C.I. through reducing valves to steam supply from new power plant and to steam traps on return line.

Other Work and Repairs

Replaced a broken ⅜″ iron wire hoisting cable on counterweight of North Infirmary dumbwaiter.

Recharged all fire extinguishers.

Laundry repairs as follows: — Replaced 60 feet of 3″ pipe on main steam line and replaced 50 feet of 1½″ pipe on main return line.

Made 105 pieces of new tinware. The following for the kitchen: — 3 covers for gelatin tins and 5 covers for dessert pans.

Repaired 751 pieces of tin and galvanized ware.

To all the officers and employees of the hospital I wish to express my sincere appreciation for their cooperation in caring for the needs of the patients. I am very grateful to the Board of Trustees for their loyal support and their interest in the administration of the Institution.

Respectfully submitted,
ARTHUR N. BALL, M.D.,
Superintendent.

VALUATION

November 30, 1935

Real Estate

Land, 550.75 acres	$174,165.00
Buildings and Betterments	2,598,219.96
	$2,772,384,96

Personal Property

Travel, transportation and office expenses	$2,369.80
Food	11,136.65
Clothing and materials	22,760.13
Furnishings and household supplies	115,177.49
Medical and general care	3,477.17
Heat and other plant operation	5,976.03
Farm	56,612.53
Garage and grounds	4,361.78
Repairs	11,177.47
	$233,049.05

Summary

Real estate	$2,772,384.96
Personal property	233,049.05
	$3,005,434.01

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1935.

Statement of Earnings

Board of patients		$98,990.53
Personal services		172.00
Sales:		
Food	$27.73	
Clothing and materials	98.50	
Medical and general care	64.99	
Garage and grounds	5.50	
Repairs ordinary	127.54	
Miscellaneous — junk	70.12	
Farm	247.59	
		$635.97
Miscellaneous:		
Interest on bank balances	$136.68	
Rents	1,908.72	
Refund on travel	2.50	
Total Miscellaneous		2,047.90
Total earnings for the year		101,846.40
Total cash receipts reverting and transferred to the State Treasurer		$101,844.16
Accounts receivable outstanding December 1, 1934	$36.69	
Accounts receivable outstanding November 30, 1935	38.93	
Accounts receivable increased		$2.24

Maintenance Appropriation

Balance from previous year, brought forward		$15,415.92
Appropriation, current year		577,432.00
Total		$592,847.92
Expenditures as Follows:		
1. Personal services	$286,142.92	
2. Food	105,641.00	
3. Medical and general care	10,131.46	
4. Religious instruction	1,420.00	
5. Farm	25,335.07	
6. Heat and other plant operation	61,835.11	
7. Travel, transportation and office expenses	5,445.56	
8. Garage and grounds	4,572.32	
9. Clothing and materials	9,807.07	
10. Furnishings and household supplies	26,534.83	
11. Repairs ordinary	12,477.00	
12. Repairs and renewals	10,382.01	
Total maintenance expenditures		$559,724.35
Balance of maintenance appropriation, November 30, 1935		$33,123.57
		$592,847.92

Special Appropriations

Balance December 1, 1934, brought forward		$659,424.83
Appropriations for current year		432,398.66
Total		$1,091 823.49
Expended during the year (see statement below)	$464,731.09	
Reverting to Treasury of Commonwealth (Reduction of Appropriation)	9,000.00	
		473,731.09
Balance November 30, 1935, carried to next year		$618,092.60

Appropriation	Acts or Resolve Chap. Acts	Total Amount Appropriated	Expended during Fiscal Year	Total Expended to date	Balance at end of year
Furnishings Male Attendants Home	170–1932	$13,500.00	$28.66	$13,324.04	$175.96
Male Attendants Home	245–1931	150,000.00	–	149,855.97	144.03
Additional land	170–1932	75,000.00	–	52,564.98	22,435.02
Passenger elevator	249–1935	12,000.00	–	–	12,000.00
Installation of sprinklers	249–1935	4,000.00	3,015.39	3,015.39	984.61
Rhodes Cottage	249–1935	3,000.00	–	–	3,000.00
Power plant, project M-14; Docker 1027		377,000.00	210,687.49	366,028.76	10,971.24
Ward building Project M-15; Docker 1086		233,000.00	97,376.31	176,180.76	56,819.24
Dining and service building, Project M-16; Docket 1142		106,000.00	60,926.20	72,781.24	33,218.76
Laundry building, Project M-53 Docker 5565		104,000.00	63,123.04	63,395.15	40,604.85
Stoarge building, Project M-45; Docket 8191		90,000.00	29,451.30	29,508.61	60,491.39
Rear center, Project M-108: Docket 1149		377,370.00	122.70	122.70	377,247.30

PER CAPITA

During the year the average number of patients has been, 1,843.515.
Total cost of maintenance, $559,724.35.
Equal to a weekly per capita cost of (52 weeks to year), $5.8387.
Total receipts for the year, $101,844.16.
Equal to a weekly per capita of, $1.0623.
Total net cost of Maintenance for year (Total maintenance less total receipts), $457,880.19.
Net weekly per capita, $4.7764.

Respectfully submitted,
EVA L. GRAVES,
Treasurer.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

(Data correct at end of institution year November 30, 1935)

Date of *opening* as a hospital for mental diseases, August 16, 1858.
Type of hospital: State,
Hospital plant:
Value of hospital property:

Real estate, including buildings	$2,772,384.96
Personal property	233,049.05
Total	$3,005,434.01

Total acreage of hospital property owned, 550.75.
Total acreage under cultivation during previous year, 236.

Officers and employees November 30, 1935:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	–	1	–	–	–
Assistant physicians	5	4	9	–	–	–
Total physicians	6	4	10	–	–	–
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	17	17	–	–	–
Other nurses and attendants	125	119	244	–	–	–
Occupational therapists	1	2	3	–	1	1
Social workers	–	2	2	–	–	–
All other officers and employees	85	56	141	2	–	2
Total officers and employees	220	200	420	2	1	3

Census of Patient Population at end of year (Classification by Diagnosis September 30, 1935):

	Actually in Hospital			Absent from Hospital but still on Books		
WHITE:	M.	F.	T.	M.	F.	T.
Insane	857	972	1,829	121	173	294
Mental defectives	12	10	22	–	1	1
Alcoholics	2	–	2	–	–	–
All other cases	1	4	5	1	–	1
Total	872	986	1,858	122	174	296
OTHER RACES:						
Insane	10	10	20	2	2	4
Total	10	10	20	2	2	4
Grand Total	882	996	1,878	124	176	300

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	114	117	231
Other patients employed in general work of hospital on date of report	340	445	785
Average daily number of all patients actually in hospital during year	862.54	970.01	1,832.55
Voluntary patients admitted during year	1	3	4
Persons given advice or treatment in out-patient clinics during year	95	212	307

TABLE 2. *Movement of Patient Population for the Year Ended September 30, 1935*

(Data in all of the following tables are based on the Statistical Year, October 1, 1934 to September 30, 1935)

	Total			Regular Court Commitment (Insane)			Observation			Temporary Care			Voluntary		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T
Patients on books of institution September 30, 1934	976	1,094	2,070	969	1,092	2,061	6	2	8	–	–	–	1	–	1
Admissions during year:															
First admissions	281	245	526	237	206	443	29	25	54	15	11	26	–	3	3
Readmissions	46	54	100	38	47	85	4	4	8	3	3	6	1	–	1
Total admissions	327	299	626	275	253	528	33	29	62	18	14	32	1	3	4
Transfers from other mental hospitals	3	5	8	3	5	8	–	–	–	–	–	–	–	–	–
Total received during year	330	304	634	278	258	536	33	29	62	18	14	32	1	3	4
Total on books during year	1,306	1,398	2,704	1,247	1,350	2,597	39	31	70	18	14	32	2	3	5
Discharged from books during year:															
As recovered	49	12	61	30	5	35	13	7	20	6	–	6	–	–	–
As improved	59	106	165	55	98	153	2	5	7	2	3	5	–	–	–
As unimproved	38	14	52	32	5	37	3	1	4	3	7	10	–	1	1
As without psychosis	25	16	41	4	2	6	18	10	28	3	3	6	–	1	1
Total discharged to community	171	148	319	121	110	231	36	23	59	14	13	27	–	2	2
Transferred to other mental hospitals	27	4	31	27	4	31	–	–	–	–	–	–	–	–	–
Died during year	102	74	176	96	68	164	3	6	9	3	–	3	–	–	–
Total discharged, transferred and died during year	300	226	526	244	182	426	39	29	68	17	13	30	–	2	2
Patients remaining on books of hospital at end of year:															
In hospital	882	996	1,878	879	992	1,871	–	2	2	1	1	2	2	1	3
On parole or otherwise absent	124	176	300	124	176	300	–	–	–	–	–	–	–	–	–
Total	1,006	1,172	2,178	1,003	1,168	2,171	–	2	2	1	1	2	2	1	3

SUPPLEMENTARY DATA

	Males	Females	Total
Average daily number of patients on books during year	979.89	1,114.90	2,092.79
Acutally in institution during year	862.54	970.01	1,832.55
In family care	.49	6.51	7.00
On visit	104.63	146.70	251.33
On escape	11.35	–	11.35
Number of patients actually remaining in institution September 30, 1935:			
State	801	815	1,616
Reimbursing	81	181	262
Number of patients in family care September 30, 1935	1	14	15
State	–	3	3
Private	1	11	12
Number of non-insane patients in hospital at end of institution year:			
Mentally defective	12	10	22
Others	3	4	7

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States[1]	153	141	294	81	80	67	60	65	50
Austria	1	2	3	4	3	3	6	4	4
Canada[2]	20	12	32	29	34	28	30	27	22
Czecho-Slovakia	1	3	4	1	1	1	3	4	3
England	7	4	11	15	12	10	10	12	8
Finland	–	1	1	–	–	–	1	1	1
France	1	1	2	2	1	1	–	–	–
Germany	4	–	4	8	6	6	3	4	3
Greece	1	1	2	1	1	1	2	2	2
Ireland	8	11	19	27	25	23	35	32	30
Italy	11	4	15	13	13	13	10	10	10
Poland	23	14	37	31	29	28	23	23	23
Roumania	–	–	–	–	1	–	–	–	–
Russia	4	3	7	4	3	2	4	4	4
Scotland	–	3	3	1	5	1	6	4	4
Sweden	1	–	1	4	3	3	1	–	–
Switzerland	1	–	1	1	1	1	1	–	–
Turkey in Asia	–	1	1	–	–	–	1	2	1
Turkey in Europe	–	1	1	–	–	–	1	1	1
Wales	–	–	–	–	–	–	1	2	1
Other Countries	1	3	4	4	5	4	3	3	3
Unknown	–	1	1	11	14	8	5	6	4
Total	237	206	443	237	237	200	206	206	174

[1]Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U. S.)
[2]Includes Newfoundland.

TABLE 4. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born*

Age at Admission	Aggregate			NATIVE BORN															FOREIGN BORN															Nativity Unknown		
				Total			Parentage												Total			Time in United States Before Admission													
							Native			Foreign			Mixed			Unknown						5–9 years			10–14 years			15 years and over			Unknown					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0–14 years	1	–	1	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	6	10	16	6	10	16	5	3	8	–	6	6	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20–24 years	21	19	40	18	19	37	7	6	13	8	7	15	3	6	9	–	–	–	3	–	3	–	–	–	1	–	1	2	–	2	–	–	–	–	–	–
25–29 years	17	16	33	16	12	28	4	5	9	6	5	11	5	2	7	1	–	1	1	3	4	–	1	1	–	1	1	1	1	2	–	–	–	–	1	1
30–34 years	23	12	35	19	10	29	7	1	8	8	3	11	3	6	9	1	–	1	4	2	6	1	–	1	1	1	2	2	1	3	–	–	–	–	–	–
35–39 years	19	17	36	13	11	24	4	2	6	2	7	9	6	2	8	1	–	1	6	6	12	–	–	–	–	–	–	6	6	12	–	–	–	–	–	–
40–44 years	17	21	38	12	14	26	4	8	12	2	5	7	6	1	7	–	–	–	5	7	12	–	–	–	–	2	2	5	5	10	–	–	–	–	–	–
45–49 years	17	22	39	9	12	21	5	4	9	2	2	4	1	5	6	1	1	2	8	10	18	–	–	–	–	1	1	7	9	16	1	–	1	–	–	–
50–54 years	17	17	34	9	9	18	5	4	9	3	3	6	1	2	3	–	–	–	8	8	16	–	–	–	–	1	1	7	7	14	1	–	1	–	–	–
55–59 years	13	17	30	8	8	16	3	2	5	2	6	8	2	–	2	1	–	1	5	9	14	–	–	–	–	–	–	5	9	14	–	–	–	–	–	–
60–64 years	23	14	37	10	6	16	3	3	6	3	1	4	2	2	4	2	–	2	13	8	21	–	–	–	–	–	–	13	8	21	–	–	–	–	–	–
65–69 years	23	7	30	11	5	16	5	–	5	3	3	6	3	2	5	–	–	–	12	2	14	–	–	–	–	–	–	11	2	13	1	–	1	–	–	–
70–74 years	10	9	19	4	7	11	4	4	8	–	–	–	–	2	2	–	1	1	6	2	8	–	–	–	–	–	–	5	2	7	1	–	1	–	–	–
75–79 years	20	14	34	13	11	24	9	3	12	3	6	9	1	1	2	–	1	1	7	3	10	–	–	–	–	–	–	7	3	10	–	–	–	–	–	–
80–84 years	6	9	15	2	5	7	1	3	4	–	1	1	1	1	2	–	–	–	4	4	8	–	–	–	–	–	–	3	4	7	1	–	1	–	–	–
85 years and over	4	2	6	2	2	4	1	2	3	–	–	–	–	–	–	1	–	1	2	–	2	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
Total	237	206	443	153	141	294	67	50	117	43	55	98	35	33	68	8	3	11	84	64	148	1	1	2	2	6	8	75	57	132	6	–	6	–	1	1

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	153	141	294
Citizens by naturalization	32	14	46
Aliens	45	32	77
Citizenship unknown	7	19	26
Total	237	206	443

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			With syphilitic meningo-encephalitis			With epidemic encephalitis			Alcoholic psychoses			Due to drugs, etc.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	6	6	12	2	1	3	–	–	–	1	–	1	–	–	–
Armenian	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	57	42	99	2	2	4	–	–	–	2	1	3	–	1	1
Finnish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
French	33	23	56	5	1	6	–	–	–	2	1	3	–	–	–
German	9	2	11	1	–	1	–	–	–	1	–	1	1	–	1
Greek	1	2	3	1	–	1	–	–	–	–	–	–	–	–	–
Hebrew	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–
Irish	37	40	77	5	4	9	–	–	–	7	1	8	–	–	–
Italian[1]	13	10	23	2	–	2	–	1	1	1	1	2	–	–	–
Lithuanian	2	1	3	–	–	–	–	–	–	1	1	2	–	–	–
Magyar	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	4	1	5	–	1	1	–	–	–	2	–	2	–	–	–
Scotch	3	5	8	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	35	31	66	1	–	1	–	–	–	11	1	12	–	–	–
Syrian	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Welsh	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Other specific races	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	32	30	62	2	–	2	–	–	–	3	–	3	–	1	1
Race unknown	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–
Total	237	206	443	21	9	30	–	1	1	31	6	37	1	2	3

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses			Involutional psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	25	6	31	–	1	1	–	–	–	8	10	18	1	2	3
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	11	3	14	1	1	2	–	–	–	–	1	1	–	2	2
German	2	1	3	–	–	–	–	–	–	1	–	1	–	1	1
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Irish	8	5	13	–	3	3	–	1	1	4	5	9	3	3	6
Italian[1]	4	1	5	–	–	–	–	–	–	–	1	1	1	1	2
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Scandinavian[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	3	–	3	–	–	–	–	–	–	–	1	1	–	2	2
Slavonic[3]	3	2	5	–	–	–	1	–	1	3	–	3	–	3	3
Syrian	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Other specific races	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Mixed	2	2	4	–	–	–	2	1	3	–	2	2	1	1	2
Race unknown	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
Total	59	23	82	1	5	6	3	2	5	17	22	39	6	17	23

[1]Includes "North" and "South."
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psychoneuroses			Manic-depressive psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
English	–	–	–	1	–	1	–	–	–	–	4	4	1	2	3
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	1	–	1	–	–	–	–	–	–	–	1	1	2	3	5
German	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Greek	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	–	–	–	–	–	–	1	–	1	–	1	1	2	4	6
Italian[1]	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
Scotch	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Welsh	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Other specific races	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	–	2	2	1	–	1	–	1	1	–	–	–	5	4	9
Race unknown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	1	2	3	2	–	2	1	2	3	1	10	11	13	15	28

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T
African (black)	2	2	4	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	15	9	24	–	1	1	1	–	1	1	3	4	–	–	–	–	–	–
Finnish	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
French	9	6	15	1	–	1	–	–	–	–	4	4	–	–	–	1	–	1
German	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greek	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	7	12	19	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Italian[1]	5	3	8	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	10	19	29	–	–	–	1	–	1	3	3	6	1	1	2	–	–	–
Syrian	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other specific races	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	10	12	22	–	–	–	1	1	2	3	2	5	1	–	1	1	1	2
Race unknown	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	63	70	133	1	1	2	3	1	4	9	15	24	2	1	3	2	2	4

[1]Includes "North" and "South."
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Morivian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0–14 years			15–19 years			20–24 years			25–29 years			30–34 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	21	9	30	–	–	–	–	–	–	–	–	–	–	1	1	2	–	2
With epidemic encephalitis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Alcoholic psychoses	31	6	37	–	–	–	–	–	–	–	–	–	–	1	1	5	–	5
Due to drugs, etc.	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	59	23	82	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbance of circulation	1	5	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	3	2	5	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–
Senile psychoses	17	22	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	6	17	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	1	10	11	–	–	–	–	–	–	–	–	–	–	2	2	–	2	2
Manic-depressive psychoses	13	15	28	–	–	–	–	–	–	1	2	3	–	–	–	3	1	4
Dementia praecox	63	70	133	1	–	1	5	7	12	15	13	28	15	9	24	11	7	18
Paranoia and paranoid conditions	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With psychopathic personality	3	1	4	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
With mental deficiency	9	15	24	–	–	–	1	3	4	2	2	4	1	2	3	2	1	3
Undiagnosed psychoses	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	2	2	4	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Total	237	206	443	1	–	1	6	10	16	21	19	40	17	16	33	23	12	35

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued

PSYCHOSES	35–39 years			40–44 years			45–49 years			50–54 years			55–59 years			60–64 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	3	1	4	5	2	7	3	–	3	4	1	5	1	1	2	3	2	5
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	6	2	8	3	–	3	6	2	8	3	1	4	2	–	2	4	–	4
Due to drugs, etc.	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	4	3	7	15	4	19
With other disturbances of circulation	–	–	–	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–
With convulsive disorders (epil.)	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
Senile psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Involutional psychoses	–	3	3	–	1	1	1	1	2	2	5	7	1	4	5	1	3	4
Due to other metabolic diseases, etc	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	1	1
Due to new growth	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–
Psychoneuroses	1	1	2	–	2	2	–	1	1	–	–	–	–	1	1	–	1	1
Manic-depressive psychoses	1	1	2	3	4	7	2	3	5	2	1	3	1	–	1	–	1	1
Dementia praecox	6	9	15	4	4	8	2	9	11	3	7	10	–	5	5	–	–	–
Paranoia and paranoid conditions	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With mental deficiency	1	–	1	–	2	2	2	4	6	–	–	–	–	–	–	–	1	1
Undiagnosed psychoses	–	–	–	–	1	1	1	–	1	1	–	1	–	–	–	–	–	–
Without psychoses	1	–	1	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–
Total	19	17	36	17	21	38	17	22	39	17	17	34	13	17	30	23	14	37

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	12	2	14	9	2	11	14	7	21	3	3	6	2	2	4
With other disturbances of circulation	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epil.)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	7	1	8	1	6	7	4	7	11	3	6	9	2	–	2
Involutional psychoses	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	23	7	30	10	9	19	20	14	34	6	9	15	4	2	6

TABLE 8. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illiterate			Reads Only			Reads and Writes			Common School			High School			College			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	21	9	30	–	–	–	1	–	1	3	2	5	11	5	16	4	1	5	–	–	–	2	1	3
With epidemic encephalitis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Alcoholic psychoses	31	6	37	5	1	6	1	–	1	11	1	12	12	2	14	2	2	4	–	–	–	–	–	–
Due to drugs, etc.	1	2	3	–	–	–	–	–	–	–	–	–	1	1	2	–	1	1	–	–	–	–	–	–
With cerebral arteriosclerosis	59	23	82	5	4	9	3	–	3	15	8	23	26	8	34	6	–	6	–	1	1	4	2	6
With other disturbances of circulation	1	5	6	1	–	1	–	–	–	–	1	1	–	3	3	–	1	1	–	–	–	–	–	–
With convulsive disorders (epilepsy)	3	2	5	–	1	1	–	–	–	–	–	–	2	–	2	–	1	1	–	–	–	1	–	1
Senile psychoses	17	22	39	2	2	4	4	1	5	2	4	6	6	7	13	1	5	6	–	2	2	2	1	3
Involutional psychoses	6	17	23	1	2	3	–	–	–	–	2	2	3	10	13	2	3	5	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
With organic changes of nervous system	1	2	3	–	1	1	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Psychoneuroses	1	10	11	–	–	–	–	–	–	–	2	2	1	4	5	–	4	4	–	–	–	–	–	–
Manic-depressive psychoses	13	15	28	–	1	1	–	–	–	1	1	2	8	7	15	2	6	8	2	–	2	–	–	–
Dementia praecox	63	70	133	3	7	10	1	–	1	4	11	15	33	31	64	18	17	35	4	4	8	–	–	–
Paranoia and paranoid conditions	1	1	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
With psychopathic personality	3	1	4	1	–	1	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–	–	–	–
With mental deficiency	9	15	24	2	3	5	1	1	2	3	4	7	2	7	9	–	–	–	–	–	–	1	–	1
Undiagnosed psychoses	2	1	3	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
Without psychoses	2	2	4	–	–	–	–	–	–	–	–	–	2	1	3	–	1	1	–	–	–	–	–	–
Total	237	206	443	21	22	43	11	2	13	40	37	77	112	89	201	37	43	80	6	8	14	10	5	15

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0–2,499			2,500–9,999			10,000–24,999			25,000–49,999			50,000–99,999			100,000–249,999			500,000+			Unknown		
	M.	F.	T..	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	21	9	30	–	1	1	5	1	6	3	2	5	3	2	5	–	1	1	10	2	12	–	–	–	–	–	–
With epidemic encephalitis	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	31	6	37	2	–	2	10	1	11	6	2	8	4	3	7	2	–	2	7	–	7	–	–	–	–	–	–
Due to drugs, etc.	1	2	3	–	1	1	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	59	23	82	5	3	8	6	5	11	20	4	24	8	3	11	4	1	5	15	7	22	1	–	1	–	–	–
With other disturbances of circulation	1	5	6	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–	–	4	4	–	–	–	–	–	–
With convulsive disorders (epilepsy)	3	2	5	–	–	–	1	–	1	1	–	1	–	1	1	–	1	1	1	–	1	–	–	–	–	–	–
Senile psychoses	17	22	39	1	3	4	2	3	5	3	6	9	3	–	3	2	2	4	6	8	14	–	–	–	–	–	–
Involutional psychoses	6	17	23	–	1	1	1	–	1	2	6	8	–	4	4	–	2	2	3	4	7	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	–	–	–	1	1	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With organic changes of nervous system	1	2	3	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Psychoneuroses	1	10	11	–	1	1	1	–	1	–	4	4	–	1	1	–	2	2	–	2	2	–	–	–	–	–	–
Manic-depressive psychoses	13	15	28	2	1	3	1	3	4	3	2	5	2	4	6	3	–	3	2	5	7	–	–	–	–	–	–
Dementia praecox	63	70	133	9	7	16	9	15	24	14	9	23	5	9	14	5	8	13	21	22	43	–	–	–	–	–	–
Paranoia and paranoid conditions	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With psychopathic personality	3	1	4	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–
With mental deficiency	9	15	24	1	1	2	2	4	6	3	3	6	–	2	2	–	1	1	3	4	7	–	–	–	–	–	–
Undiagnosed psychoses	2	1	3	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
Without psychoses	2	2	4	–	1	1	–	–	–	1	–	1	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Total	237	206	443	21	22	43	38	36	74	59	40	99	28	31	59	16	19	35	73	58	131	1	–	1	1	–	1

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	21	9	30	3	4	7	13	2	15	2	1	3	3	2	5
With epidemic encephalitis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	31	6	37	4	1	5	20	4	24	5	1	6	2	–	2
Due to drugs, etc.	1	2	3	–	–	–	1	–	1	–	1	1	–	1	1
With cerebral arteriosclerosis	59	23	82	15	13	28	24	4	28	14	5	19	6	1	7
With other disturbances of circulation	1	5	6	1	1	2	–	2	2	–	–	–	–	2	2
With convulsive disorders (epilepsy)	3	2	5	1	2	3	1	–	1	–	–	–	1	–	1
Senile psychoses	17	22	39	12	11	23	3	5	8	–	3	3	2	3	5
Involutional psychoses	6	17	23	1	1	2	3	10	13	1	4	5	1	2	3
Due to other metabolic diseases, etc.	1	2	3	–	–	–	1	2	3	–	–	–	–	–	–
Due to new growth	2	–	2	1	–	1	1	–	1	–	–	–	–	–	–
With organic changes of nervous system	1	2	3	–	1	1	–	1	1	–	–	–	1	–	1
Psychoneuroses	1	10	11	1	3	4	–	4	4	–	2	2	–	1	1
Manic-depressive psychoses	13	15	28	2	5	7	8	7	15	3	3	6	–	–	–
Dementia praecox	63	70	133	7	28	35	52	32	84	4	7	11	–	3	3
Paranoia and paranoid conditions	1	1	2	–	–	–	1	–	1	–	1	1	–	–	–
With psychopathic personality	3	1	4	1	1	2	1	–	1	1	–	1	–	–	–
With mental deficiency	9	15	24	3	11	14	5	3	8	–	–	–	1	1	2
Undiagnosed psychoses	2	1	3	1	1	2	1	–	1	–	–	–	–	–	–
Without psychoses	2	2	4	–	–	–	2	1	3	–	1	1	–	–	–
Total	237	206	443	53	84	137	137	77	214	30	29	59	17	16	33

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	21	9	30	3	7	10	10	1	11	6	–	6	2	1	3
With epidemic encephalitis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	31	6	37	–	–	–	–	–	–	31	6	37	–	–	–
Due to drugs, etc.	1	2	3	–	1	1	–	–	–	1	1	2	–	–	–
With cerebral arteriosclerosis	59	23	82	22	15	37	25	6	31	9	1	10	3	1	4
With other disturbances of circulation	1	5	6	–	3	3	1	1	2	–	–	–	–	1	1
With convulsive disorders (epilepsy)	3	2	5	2	1	3	1	1	2	–	–	–	–	–	–
Senile psychoses	17	22	39	5	21	26	7	1	8	5	–	5	–	–	–
Involutional psychoses	6	17	23	2	16	18	3	–	3	1	1	2	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	1	1	–	1	1	1	–	1	–	–	–
Due to new growth	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–
With organic changes of nervous system	1	2	3	1	1	2	–	1	1	–	–	–	–	–	–
Psychoneuroses	1	10	11	–	9	9	–	–	–	1	–	1	–	1	1
Manic-depressive psychoses	13	15	28	1	10	11	8	3	11	4	2	6	–	–	–
Dementia praecox	63	70	133	9	50	59	40	13	53	14	3	17	–	4	4
Paranoia and paranoid conditions	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–
With psychopathic personality	3	1	4	–	–	–	2	1	3	1	–	1	–	–	–
With mental deficiency	9	15	24	6	–	6	2	–	2	–	11	11	1	4	5
Undiagnosed psychoses	2	1	3	–	–	–	1	–	1	1	–	1	–	1	1
Without psychoses	2	2	4	1	1	2	–	–	–	1	1	2	–	–	–
Total	237	206	443	52	138	190	103	29	132	76	26	102	6	13	19

TABLE 12. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Divorced			Separated		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	21	9	30	4	1	5	13	4	17	3	3	6	1	–	1	–	1	1
With epidemice encephalitis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	31	6	37	10	2	12	19	3	22	1	–	1	1	1	2	–	–	–
Due to drugs, etc.	1	2	3	–	–	–	–	2	2	–	–	–	1	–	1	–	–	–
With cerebral arteriosclerosis	59	23	82	10	8	18	31	8	39	16	7	23	2	–	2	–	–	–
With other disturbances of circulation	1	5	6	–	–	–	1	4	5	–	1	1	–	–	–	–	–	–
With convulsive disorders (epilepsy)	3	2	5	2	1	3	1	1	2	–	–	–	–	–	–	–	–	–
Senile psychoses	17	22	39	3	3	6	5	4	9	9	14	23	–	–	–	–	1	1
Involutional psychoses	6	17	23	2	–	2	2	14	16	2	1	3	–	1	1	–	1	1
Due to other metabolic diseases, etc.	1	2	3	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	1	2	3	–	–	–	–	2	2	–	–	–	–	–	–	1	–	1
Psychoneuroses	1	10	11	–	1	1	1	7	8	–	1	1	–	1	1	–	–	–
Manic-depressive psychoses	13	15	28	7	6	13	5	7	12	–	1	1	1	–	1	–	1	1
Dementia praecox	63	70	133	46	33	79	15	30	45	–	2	2	1	4	5	1	1	2
Paranoia and paranoid conditions	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–
With psychopathic personality	3	1	4	1	1	2	2	–	2	–	–	–	–	–	–	–	–	–
With mental deficiency	9	15	24	9	10	19	–	5	5	–	–	–	–	–	–	–	–	–
Undiagnosed psychoses	2	1	3	–	–	–	1	–	1	1	1	2	–	–	–	–	–	–
Without psychoses	2	2	4	2	1	3	–	1	1	–	–	–	–	–	–	–	–	–
Total	237	206	443	97	68	165	99	95	194	32	31	63	7	7	14	2	5	7

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1935, All Cases in Residence and All Cases Out on September 30, 1935, by Status of Admission and Sex*

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit etc.					
	First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions			First Admissions			Read-missions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to or Associated with Infection:																														
Syphilis of the Central Nervous System:																														
Meningo-encephalitic type (general paresis)	21	9	30	2	–	2	5	3	8	1	–	1	11	5	16	1	–	1	52	19	71	4	–	4	6	1	7	–	1	1
Other types	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	8	5	13	1	1	2	1	–	1	–	–	–
Psychoses Due to Intoxication:																														
Due to Alcohol:																														
Pathological intoxication	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Delirium tremens	11	–	11	–	–	–	10	–	10	–	–	–	2	–	2	–	–	–	3	–	3	–	–	–	3	–	3	–	–	–
Korsakow's psychosis	–	1	1	–	–	–	–	1	1	–	–	–	1	1	2	–	–	–	10	–	10	1	–	1	–	–	–	–	–	–
Acute hallucinosis	13	5	18	9	–	9	10	2	12	4	2	6	2	–	2	–	–	–	20	2	22	4	–	4	11	3	14	4	–	4
Other types	15	1	16	2	–	2	7	1	8	3	–	3	2	1	3	1	–	1	63	9	72	14	6	20	8	1	9	1	1	2
Due to Drugs or Other Exogenous Poisons:																														
Due to opium and derivatives	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Due to other drugs	–	3	3	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
Psychoses Due to Trauma:																														
Traumatic delirium	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Post-traumatic personality disorders	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	1	4	–	–	–	–	–	–	–	–	–
Post-traumatic mental deterioration	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	1	–	1	–	–	–	–	–	–
Psychoses Due to Disturbances of Circulation:																														
With cerebral arteriosclerosis	63	26	89	1	4	5	5	8	13	1	–	1	36	21	57	–	1	1	65	63	128	5	2	7	7	9	16	–	3	3
With cerebral embolism	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
With cardio-renal disease	1	5	6	–	–	–	–	1	1	–	–	–	1	4	5	–	–	–	4	5	9	–	–	–	–	2	2	–	–	–
Other types	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
Psychoses Due to Convulsive Disorders (Epilepsy:)																														
Epileptic deterioration	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	1	1	–	2	2	1	1	2	–	–	–	–	–	–
Epileptic clouded states	2	2	4	1	–	1	1	–	1	1	–	1	–	–	–	–	–	–	5	1	6	1	1	2	–	1	1	–	–	–
Other epileptic types	1	–	1	1	–	1	–	1	1	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1935, All Cases in Residence and All Cases Out on September 30, 1935, by Status of Admission and Sex* — Concluded

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit etc.					
	First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to Disturbances of Metabolism, Growth, Nutrition or Endocrine Function:																														
Senile Psychoses:																														
Simple deterioration	12	12	24	–	1	1	3	1	4	–	–	–	7	2	9	–	–	–	7	12	19	–	–	–	–	–	–	–	–	–
Presbyophrenic type	1	4	5	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	2	2	4	–	–	–	–	–	–	–	–	–
Delirious and confused types	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Depressed and agitated types	1	–	1	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	2	5	7	1	–	1	–	1	1	–	–	–
Paranoid types	6	7	13	–	1	1	2	1	3	–	–	–	5	1	6	–	1	1	18	18	36	1	1	2	2	1	3	–	–	–
Involutional psychoses:																														
Melancholia	5	13	18	2	2	4	3	7	10	1	1	2	7	3	10	1	–	1	33	23	56	8	5	13	5	8	13	2	3	5
Paranoid types	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	6	6	–	1	1	–	2	2	–	–	–
Other types	1	4	5	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–
With diseases of the endocrine glands	–	1	1	–	–	–	–	2	2	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Exhaustion deliirum	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–
With pellagra	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	1	–	1	–	–	–	–	–	–
With other somatic diseases	1	3	4	–	1	1	–	4	4	–	1	1	1	3	4	–	–	–	2	5	7	–	1	1	–	1	1	–	–	–
Psychoses Due to New Growth:																														
With intracranial neoplasms	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
With other neoplasms	2	1	3	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Psychoses Due to Unknown or Hereditary Causes, but Associated with Organic Changes:																														
With multiple sclerosis	–	–	–	–	–	–	–	1	1	–	–	–	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With other brain or nervous diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
Disorders of Psychogenic Origin or Without Clearly Defined Tangible Cause or Structural Change:																														
Psychoneuroses:																														
Anxiety hysteria	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Conversion hysteria:																														
Paralytic type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Mixed hysterical psychoneuroses	–	1	1	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–

Psychasthenia or compulsive states:																																	
Compulsive tics and spasms	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–			
Mixed compulsive states	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–			
Neurasthenia	1	2	3	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–			
Reactive depression	–	6	6	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	5	5	–	–	–	–	1	1	–	1	1			
Mixed psychoneurosis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–			
Manic-depressive Psychoses:																																	
Manic type	5	6	11	2	11	13	6	5	11	8	3	11	–	1	1	3	–	3	7	6	13	10	13	23	4	5	9	4	15	19			
Depressive type	12	9	21	2	5	7	8	8	16	1	5	6	2	–	2	–	2	2	7	15	22	6	16	22	5	6	11	2	3	5			
Circular type	–	1	1	–	–	–	1	–	1	–	1	1	–	1	1	–	1	1	4	7	11	4	12	16	–	1	1	1	4	5			
Mixed type	1	1	2	2	2	4	1	–	1	1	–	1	–	–	–	1	–	1	1	4	5	1	2	3	–	–	–	2	1	3			
Dementia praecox (schizophrenia):																																	
Simple type	3	4	7	–	1	1	–	8	8	–	–	–	–	–	–	–	–	–	2	13	15	2	7	9	3	10	13	–	2	2			
Hebephrenic type	7	14	21	3	2	5	–	9	9	2	2	4	3	1	4	2	1	3	59	56	115	37	24	61	2	10	12	2	3	5			
Catatonic type	36	29	65	8	7	15	24	7	31	5	8	13	4	4	8	1	1	2	160	167	327	42	68	110	30	23	53	4	8	12			
Paranoid type	17	28	45	5	10	15	13	18	31	4	4	8	3	8	11	–	–	–	88	209	297	22	76	98	7	23	30	1	7	8			
Other types	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	2	2	–	–	–	–	–	–			
Paranoid conditions	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–			
With psychopathic personality	4	2	6	–	–	–	2	1	3	1	–	1	–	–	–	–	–	–	4	4	8	–	2	2	1	–	1	–	–	–			
With mental deficiency:																																	
Idiot	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	1	4	1	1	2	–	–	–	–	–	–			
Imbecile	2	4	6	–	2	2	–	2	2	–	–	–	–	–	–	–	1	1	19	20	39	11	4	15	2	2	4	–	1	1			
Moron	5	9	14	1	1	2	2	1	3	1	–	1	2	1	3	–	–	–	19	24	43	4	6	10	1	2	3	–	–	–			
Unknown	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3	–	1	1	–	–	–	–	–	–			
Undiagnosed Psychoses:	2	2	4	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	1	–	1	–	–	–			
Without Psychosis:																																	
Alcoholism	6	–	6	1	–	1	5	–	5	1	–	1	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–			
Drug addiction	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Psychopathic personality:																																	
With pathological sexuality	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
With pathological emotionality	–	3	3	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–			
With asocial or amoral trends	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–			
Mixed types	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Epilepsy	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Mental deficiency:																																	
Idiot	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	3	5	–	–	–	–	–	–	–	–	–			
Imbecile	2	1	3	–	1	1	2	1	3	–	1	1	–	–	–	–	–	–	6	5	11	1	–	1	–	–	–	–	–	–			
Moron	3	1	4	–	1	1	4	3	7	1	1	2	–	–	–	–	–	–	2	1	3	1	1	2	–	1	1	–	–	–			
Other non-psychotic diseases or conditions	5	7	12	1	1	2	5	6	11	2	1	3	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–			
No other conditions	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Primary Behavior Disorders:																																	
Simple adult maladjustment	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–			
Primary behavior disorders in children:																																	
Conduct disturbance	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Grand Total	281	245	526	46	54	100	131	118	249	40	30	70	92	64	156	10	10	20	697	739	1,436	185	257	442	101	123	224	23	53	76			

NOTE: — Admissions and discharges do not include transfers.

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encepahitis	6	3	9	4	–	4	2	3	5	–	–	–
Alcoholic psychoses	24	6	30	14	1	15	6	5	11	4	–	4
Due to drugs, etc.	1	1	2	1	1	2	–	–	–	–	–	–
Traumatic psychoses	1	–	1	1	–	1	–	–	–	–	–	–
With cerebral arteriosclerosis	4	5	9	–	–	–	3	5	8	1	–	1
With other disturbances of circulation	–	1	1	–	–	–	–	1	1	–	–	–
With convulsive disorders (epilepsy)	2	2	4	1	–	1	1	2	3	–	–	–
Senile psychoses	4	2	6	–	–	–	1	1	2	3	1	4
Involutional psychoses	3	9	12	1	–	1	2	7	9	–	2	2
Due to other metabolic diseases, etc.	–	6	6	–	–	–	–	6	6	–	–	–
Due to new growth	1	–	1	–	–	–	1	–	1	–	–	–
With organic changes of nervous system	–	1	1	–	–	–	–	1	1	–	–	–
Psychoneuroses	–	2	2	–	1	1	–	1	1	–	–	–
Manic-depressive psychoses	20	19	39	10	2	12	7	17	24	3	–	3
Dementia praecox	47	48	95	1	–	1	29	46	75	17	2	19
With psychopathic personality	2	–	2	1	–	1	1	–	1	–	–	–
With mental deficiency	2	3	5	–	–	–	–	3	3	2	–	2
Without psychoses	4	2	6	–	–	–	–	–	–	–	–	–
Total	121	110	231	34	5	39	53	98	151	30	5	35

TABLE 15. *Hospital Residence during This Admission of Court First Admissions Discharged during 1935*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	3	8	1.19	1.09	1.15
Alcoholic psychoses	19	4	23	.47	.86	.54
Due to drugs, etc.	1	1	2	.62	.20	.41
Traumatic psychoses	1	–	1	.62	–	.62
With cerebral arteriosclerosis	3	5	8	.17	.66	.48
With other disturbances of circulation	–	1	1	–	.04	.04
With convulsive disorders (epilepsy)	2	2	4	.20	.20	.20
Senile psychoses	4	2	6	.86	1.48	1.06
Involutional psychoses	3	8	11	1.12	1.04	1.06
Due to other metabolic diseases, etc.	–	6	6	–	.23	.23
Due to new growth	1	–	1	.12	–	.12
With organic changes of nervous system	–	1	1	–	.87	.87
Psychoneuroses	–	2	2	–	.81	.81
Manic-depressive psychoses	10	11	21	.90	1.46	1.19
Dementia praecox	36	36	72	1.01	1.71	1.36
With psychopathic personality	1	–	1	.20	–	.20
With mental deficiency	2	1	3	.37	.20	.31
Undiagnosed psychoses	–	2	2	–	.98	.98
Without psychoses	2	2	4	.85	.28	.56
Total	90	87	177	.80	1.22	1.01

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders*

Causes of Death	Total			With syphilitic meningo-encephalitis			Alcoholic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																					
Erysipelas	2	–	2	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	5	4	9	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of other organs	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Purulent infection, septicaemia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Purulent infection, septicaemia (non-puerperal)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																					
Cancer and other malignant tumors	6	4	10	–	1	1	–	–	–	2	1	3	–	–	–	–	–	–	1	–	1
Diseases of the Blood and Blood-Making Organs:																					
Pernicious anemia	3	–	3	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																					
Meningitis	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	9	6	15	–	–	–	–	1	1	6	2	8	–	–	–	–	–	–	1	–	1
Cerebral embolism and thrombosis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General paralysis of the insane	10	3	13	10	3	13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																					
Chronic endocarditis (valvular disease)	3	3	6	–	–	–	1	–	1	–	2	2	–	–	–	–	–	–	–	–	–
Diseases of the myocardium	13	13	26	–	–	–	1	–	1	4	4	8	–	1	1	–	1	1	2	4	6
Diseases of the coronary arteries and angina pectoris	2	1	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Other diseases of the heart	4	7	11	–	–	–	–	–	–	1	2	3	–	1	1	–	–	–	1	1	2
Arteriosclerosis	18	3	21	–	–	–	1	–	1	9	2	11	–	–	–	–	–	–	5	–	5
Diseases of the Respiratory System:																					
Bronchitis	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Bronchopneumonia (including capillary bronchitis)	4	4	8	–	–	–	1	–	1	2	3	5	–	–	–	–	–	–	–	–	–
Lobar pneumonia	4	4	8	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	1	1	2
Other diseases (tuberculosis excepted)	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																					
Diarrhea and enteritis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																					
Nephritis (acute, chronic and unspecified)	3	3	6	–	–	–	1	–	1	1	1	2	1	–	1	–	–	–	–	1	1
Diseases of the Skin and Cellular Tissue:	–	2	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																					
Suicide	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Accidental traumatism	3	3	6	–	–	–	–	–	–	3	2	5	–	–	–	–	–	–	–	–	–
Ill-Defined Causes of Death:	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	96	68	164	12	5	17	6	1	7	34	21	55	1	2	3	–	1	1	11	7	18

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders* — Concluded

Causes of Death	Involutional psychoses			Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses			Dementia praecox			With mental deficiency		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																								
Erysipelas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	2	6	–	2	2
Tuberculosis of other organs	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Purulent infection, septicaemia (non-puerperal)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Cancer and Other Tumors:																								
Cancer and other malignant tumors	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	1	–	1	–	2	2	–	–	–
Diseases of the Blood and Blood-Making Organs:																								
Pernicious anemia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																								
Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	1	1	2	–	–	–
Cerebral embolism and thrombosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																								
Chronic endocarditis (valvular disease)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	2	–	–	–
Diseases of the myocardium	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	3	2	5	1	–	1
Diseases of the coronary arteries and angina pectoris	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the heart	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
Arteriosclerosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–
Diseases of the Respiratory System:																								
Bronchitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchopneumonia (including capillary bronchitis)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–
Lobar pneumonia	1	–	1	–	1	1	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	1	–	1
Diseases of the Digestive System:																								
Diarrhea and enteritis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Diseases of the Genito-Urinary System:																								
Nephritis (acute, chronic and unspecified)	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Diseases of the Skin and Cellular Tissue:	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Violent and Accidental Deaths:																								
Suicide	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Accidental traumatism	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Ill-Defined Causes of Deaths:	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	8	3	11	1	2	3	1	–	1	1	3	4	–	1	1	6	5	11	13	15	28	2	2	4

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			20–24 years			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	12	5	17	–	–	–	–	–	–	–	–	–	2	–	2	1	1	2	4	1	5
Alcoholic psychoses	6	1	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	34	21	55	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	11	7	18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	8	3	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Due to new growth	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1
Psychoneuroses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	6	5	11	–	–	–	–	–	–	1	–	1	–	1	1	1	–	1	–	–	–
Dementia praecox	13	15	28	–	–	–	1	–	1	1	1	2	2	–	2	–	–	–	3	–	3
With mental deficiency	2	2	4	–	1	1	–	–	–	1	1	2	–	–	–	–	–	–	1	–	1
Total	96	68	164	–	1	1	1	–	1	3	2	5	4	2	6	2	2	4	9	1	10

Psychoses	50–54 years			55–59 years			60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	3	1	4	–	–	–	–	1	1	2	–	2	–	–	–	–	1	1	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	1	–	1	2	–	2	1	–	1	1	–	1	1	–	1	–	1	1	–	–	–
With cerebral arteriosclerosis	–	1	1	–	–	–	6	1	7	5	–	5	3	6	9	10	7	17	7	1	8	3	5	8
With other disturbances of circulation	–	–	–	–	–	–	–	–	–	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Senile psychoses	–	–	–	–	–	–	–	–	–	1	–	1	2	1	3	1	3	4	3	2	5	4	1	5
Involutional psychoses	2	2	4	1	–	1	2	–	2	1	–	1	2	1	3	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Manic-depressive psychoses	–	1	1	1	–	1	1	1	2	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–
Dementia praecox	–	–	–	1	1	2	2	2	4	1	6	7	–	3	3	1	–	1	1	1	2	–	1	1
With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	6	7	13	5	1	6	13	6	19	13	8	21	9	13	22	13	12	25	11	6	17	7	7	14

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

PSYCHOSES	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphiltic meningo-encephalitis	12	5	17	2	–	2	2	–	2	2	2	4	2	–	2	3	2	5	–	–	–
Alcoholic psychoses	6	1	7	–	–	–	1	–	1	–	–	–	–	–	–	2	–	2	–	–	–
With cerebral arteriosclerosis	34	21	55	9	3	12	10	3	13	2	6	8	3	2	5	7	4	11	3	3	6
With other disturbances of circulation	1	2	3	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	11	7	18	1	1	2	2	1	3	5	3	8	–	–	–	1	1	2	1	–	1
Involutional psychoses	8	3	11	1	–	1	1	1	2	–	–	–	–	–	–	2	–	2	1	–	1
Due to other metabolic diseases, etc.	1	2	3	1	–	1	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
Due to new growth	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	1	3	4	–	–	–	–	–	–	–	2	2	–	–	–	1	1	2	–	–	–
Psychoneuroses	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	6	5	11	2	1	3	–	–	–	–	–	–	–	–	–	1	2	3	–	1	1
Dementia praecox	13	15	28	2	–	2	–	–	–	–	1	1	–	1	1	–	1	1	2	–	2
With mental deficiency	2	2	4	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Total	96	68	164	20	6	26	16	7	23	10	15	25	5	3	8	17	12	29	7	5	12

PSYCHOSES	5–6 years			7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	2	–	2	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1
With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Senile psychoses	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	2	1	3	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	1	–	1
Dementia praecox	2	2	4	1	–	1	–	1	1	–	1	1	1	–	1	–	2	2	5	6	11
With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Total	6	5	11	3	2	5	2	2	4	1	2	3	1	–	1	–	2	2	8	7	15

TABLE 19. *Average Length of Hospital Residence during the Present Admissions of All First Admission Cases in Residence on September 30, 1935*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	52	19	71	3.02	3.06	3.03
With other forms of syphilis	2	–	2	4.00	–	4.00
With epidemic encephalitis	8	5	13	7.75	4.49	6.49
Alcoholic psychoses	96	11	107	6.76	11.40	7.24
Due to drugs, etc.	1	1	2	.45	7.50	3.97
Traumatic psychoses	5	1	6	6.10	1.50	5.33
With cerebral arteriosclerosis	65	63	128	1.70	2.90	2.29
With other disturbances of circulation	5	6	11	3.90	3.31	3.58
With convulsive disorders (epilepsy)	6	3	9	4.65	6.81	5.37
Senile psychoses	29	38	67	3.00	2.97	2.98
Involutional psychoses	34	30	64	4.52	4.95	4.72
Due to other metabolic diseases, etc.	2	8	10	11.00	4.86	6.09
Due to new growth	1	2	3	.45	6.47	4.46
With organic changes of nervous system	2	1	3	3.97	2.50	3.48
Psychoneuroses	–	8	8	–	1.33	1.33
Manic-depressive psychoses	19	32	51	8.22	4.92	6.15
Dementia praecox	310	446	756	9.18	9.50	9.37
Paranoia and paranoid conditions	1	1	2	.45	.45	.45
With psychopathic personality	4	4	8	6.73	13.23	9.98
With mental deficiency	42	47	89	11.39	6.12	8.61
Undiagnosed psychoses	1	1	2	.45	.45	.45
Without psychoses	12	12	24	10.57	10.77	10.67
Total	697	739	1,436	7.13	7.62	7.38

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmission Cases in Residence on September 30, 1935*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	4	–	4	1.72	–	1.72
With epidemic encephalitis	1	1	2	1.50	3.50	2.50
Alcoholic psychoses	19	6	25	8.06	9.16	8.33
Traumatic psychoses	1	–	1	.45	–	.45
With cerebral arteriosclerosis	5	2	7	2.69	2.00	2.49
With other disturbances of circulation	–	1	1	–	17.50	17.50
With convulsive disorders (epilepsy)	2	2	4	3.50	15.00	9.25
Senile psychoses	2	1	3	2.50	.45	1.81
Involutional psychoses	8	6	14	2.61	5.32	3.77
Due to other metabolic diseases, etc.	1	2	3	.45	12.50	8.48
Psychoneuroses	–	1	1	–	2.50	2.50
Manic-depressive psychoses	21	43	64	8.54	5.32	6.38
Dementia praecox	103	177	280	11.31	8.78	9.72
With psychopathic personality	–	2	2	–	3.97	3.97
With mental deficiency	16	12	28	9.02	10.32	9.58
Without psychoses	2	1	3	.97	7.50	3.15
Total	185	257	442	6.49	8.14	7.45

TABLE 20. *Family Care Statistics for Year Ended September 30, 1935*

	Males	Females	Total
Remaining in Family Care September 30, 1934	–	4	4
On Visit from Family Care September 30, 1934	–	–	–
Admitted to Family Care during the Year	1	18	19
Whole Number of Cases within the Year	1	22	23
Discharged from Family Care within the Year	–	8	8
From Family Care to Visit Status	–	4	4
Returned to Institution	–	4	4
Returned to Institution from Visit	–	2	2
Remaining in Family Care September 30, 1935	1	14	15
On Visit from Family Care September 30, 1935	–	4	4
Average Daily Number in Family Care During Year	.49	5.92	6.31
Supported by State	–	11	11

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

Mass.,

NORTHAMPTON STATE HOSPITAL (Insane)

FOR THE

YEAR ENDING NOVEMBER 30,

1936

DEPARTMENT OF MENTAL DISEASES

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TRUSTEES' REPORT

To His Excellency the Governor and the Honorable Council:

The Trustees of the Northampton State Hospital respectfully submit herewith their report for the year ending November 30, 1936. Appended hereto will be found the reports of the Superintendent and Treasurer with the usual statistical tables.

Regular meetings of the trustees have been held on the second Thursday of each month excepting during the months of July and August. A committee consisting of two trustees has visited and inspected the hospital at least once during each month and sometimes at more frequent intervals. By such meetings and visitations the trustees have been kept conversant with the functions of the hospital and the care of its patients and feel satisfied that sympathetic care and treatment has been uniformly observed. It is our feeling that a very definite liberalization in attitiude toward patients and their relatives has developed during the past year. This has manifested itself in the large increase in parole patients, the opening of certain

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wards as parole wards and many other liberties extended to the quieter type of patients. While it is probable that in a few instances this decrease in discipline has been somewhat overdone, we are convinced that on the whole it has added very materially to the morale of the patient population as well as to the peace of mind of both the patients and their relatives and friends.

In our report of last year we called attention to "several imperative construction needs at this hospital". We called special attention to the antiquated facilities for preparing and serving food, to the lack of clinical laboratory equipment and to the inadequate seating capacity of the assembly room. We are pleased to report that these short-comings are in the process of being eliminated. During the closing days of the last Legislative Session money was appropriated to be used with a Federal Grant for the purpose of erecting a new kitchen and dining-room to serve the main group. This building will include space for a pathological laboratory and the appropriation includes money for enlargement of the present assembly room. Work has already been started on this project which should be near completion by the end of next year.

We are glad to report that the following buildings erected and equipped as W.P.A. projects have been completed and are now in operation:

1. Ward building to accommodate 150 women patients in the Memorial Group.
2. Cafeteria to serve the Memorial Group.
3. New laundry building.
4. New storehouse remodeled from what was formerly the farm ward. These buildings are all of class A construction and adequately equipped.

Although a great deal has been done during the past two years to improve the physical plant at this hospital, there are several other construction needs necessary if we are to function with a maximum of safety and efficiency. We would again respectfully call your attention to the need for a separtate building for tubercular patients, who are now housed in the infirmary wards and cannot be properly isolated from the other patients. No provision has been made in relieving the overcrowding of the male wards for several years and we strongly recommend that serious consideration be given to the erection of two more buildings for male patients in the Memorial Group as originally planned. The present dairy barns and piggery are located very close to the main group and not only constitute a fire hazard but are poorly adapted to the use for which they were built many years ago. We again bring to your attention the urgent need for the erection of a new farm group located some distance away from the Main hospital, this group to include new barns, piggery and a building to house one-hundred or more working patients, — the whole to constitute a farm colony. There should also be erected at this hospital a separate building for noisy and disturbed patients, a building for occupational and industrial therapy and a house for the Superintendent and his family. The quarters now occupied by the Superintendent could be, with no great expense, converted into a surgical suite to fill a long felt want at this hospital. We believe that the Northampton State Hospital is the only one in the Commonwealth that has no facilities for doing major operations and in this respect has not progressed beyond the asylum stage.

Although we are not unmindful of the fact that present economic conditions do not permit lavish expenditure, we are convinced that humanitarian considerations should not be overlooked and that the high standards of care which this Commonwealth has given its unfortunates should not be lowered. We trust therefore that serious consideration will be given the above requests.

We would respectfully call your attention to the fact that as the situation is at present the Northampton State Hospital is compelled to take care of all patients sent in from Western Massachusetts. This territory comprises the four western counties with a total population in excess of 570,000. We have in the past called to the attention of the Governor and Council the necessity of having some institution of like nature started in the western part of the State to relieve to a degree the over-crowding at present in this Institution. Until something of the nature is carried out we have to assume the full burden and in asking for special grouping and extra facilities we feel, in the judgment of the Board, that what we are asking for is absolutely necessary in the immediate future, and we respectfully call your attention to this feature of the work of this Institution.

During the past year a great deal of extra work in building construction and replacements have been carried on in a very able manner under our present Superintendent, Arthur N. Ball, M.D., and we desire at this time to express our appreciation for the able manner in which he has carried this work out in addition to his general supervision of the Institution at large. Our appreciation of the efforts of the employees of the Northampton State Hospital in faithfully performing their duties, often in the face of trying circumstances, is due and is hereby acknowledged.

Respectfully submitted,

John C. O'Brien, M.D.
Chairman of the Board of Trustees.
Anne O'Keefe Heffernan,
Secretary of the Board of Trustees, pro tem.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I submit my report for the year ending November 30, 1936.

Movement of Population

The number of patients on our books October 1, 1935 was 2,178. There were admitted during the year 619, making a total of 2,797 under care and treatment during the year. There were discharged to their relatives and transferred to other institutions 415 patients. One hundred and fifty-three deaths occurred leaving 2,229 patients on the books of this hospital on September 30, 1936, of which 1,871 were actually in the hospital and 358 patients on visit, or otherwise absent.

Personnel

During the year the following changes were made in the Medical Staff:

E. Philip Freedman, M.D., of Peabody, Mass. was appointed to the position of Assistant Physician on February 25, 1936.

Robert M. Jennings, M.D., formerly on the staff at the Mercywood Sanitarium at Ann Arbor, Michigan, was appointed to the position of Assistant Physician on March 18, 1936.

Eunice R. Hull, M.D., who was at one time on the staff at the Reformatory for Women in Framingham, was appointed to the position of Assistant Physician on March 26, 1936. This was only a temporary appointment and on July 15, 1936 Dr. Hull resigned.

Helen M. Wiestling, M.D., formerly Resident Physician at the Massachusetts Reformatory for Women, was appointed to the position of Assistant Physician on July 16, 1936.

Kendall B. Crossfield, M.D., Assistant Physician, who had been on the staff since August, 1930, resigned on September 22, 1936 to enter private practice.

Ruth (Thompson) Crossfield, M.D., Senior Physician, who had been on the staff since September 1, 1930, resigned on October 3, 1936.

S. George Velonis, M.D., of Salem, Mass. was appointed as Assistant Physician to this hospital on November 5, 1936 in the new position, which was allowed in August of 1936.

Lee W. Darrah, M.D., who was on the staff at the Gardner State Hospital, was appointed to the position of Senior Physician at this hospital on November 9, 1936.

During the closing days of the previous fiscal year the "forty-eight hour law" went into effect. During the year covered by this report this law has been in effect and has operated, I believe, to the benefit of the hospital. Because of the great number of unemployed in this locality, we have been able to employ a very good type of person as attendant and also in the other low salaried classes. Of course, the matter of housing, feeding and doing the laundry work for these extra employees is a somewhat serious problem but so far as the care of the patients is concerned, I am convinced the change was a successful one.

Psychiatric Service

Staff Meetings have been continued daily except Saturdays and Sundays.

Staff Conferences on the Male and Female Service for consideration of all admissions not presented at the regular staff meetings are held frequently.

Progress notes on all cases are written at least semi-annually and physical examinations are done at least annually on all cases. Malaria treatments for neurosyphilitic cases have recently been started as well as some research, particularly, in the use of sodium amytal in catatonic cases. It is too early at this time to make any reliable statement as to the usefulness of this work.

Medical and Surgical Service

The survey of the patient population for pulmonary tuberculosis has been continued under the direction of Dr. Black and several unsuspected cases have been discovered. In an attempt to segregate these cases of tuberculosis great difficulty has been experienced because of the crowded condition of the Infirmary wards and the almost impossible problem of separating all but the active cases from the general infirmary population. This situation brings emphatically to our attention the necessity for a separate building or wing devoted to the care of pulmonary tuberculosis.

Another matter that seems serious and in need of early correction is the lack of facilities for the care and treatment of sick employees. At present it is necessary to care for sick employees, of whom we now have nearly 450, either in their living quarters or in the regular patients' wards.

This hospital has no facilities whatever for carrying on major surgery. Several cases in need of emergency operations have been taken to the Cooley-Dickinson Hospital by ambulance and returned immediately following the operation. This procedure is not only expensive but somewhat hazardous. There are several conditions such as hernia, enlarged tonsils, etc., in the hospital which should receive surgical attention but cannot be given this attention with our present facilities.

Dental Department

The resident dentist examines the teeth of all new patients soon after they are admitted to the hospital and gives them what dental treatment seems best. The following is a summary of the other work done by the dentist during the year besides the general routine examinations: — 1,131 fillings; 147 dental plates made or repaired; 1,860 having teeth cleaned; 1,186 extractions; 397 receiving treatment of teeth or gums and 210 miscellaneous treatments, etc.

Laboratory

Within the year our laboratory has been moved to larger quarters in the basement of the female infirmary with a trained laboratory technician in charge. In the new kitchen and diningroom building, which has been started, there will be space for a laboratory and it is expected that within the next year our laboratory set-up will be adequate. The position of Pathologist has been allowed by the Department of Mental Diseases and as soon as a qualified Pathologist becomes available an appointment will be made to that position.

School for Psychiatric Nursing

Under the direct supervision of the Principal of School of Nursing, assisted by members of the medical staff, a two year course in psychiatric nursing is being given. There were eight who graduated from our Psychiatric Nursing School last June and at the present time there are eight in the senior class and four in the junior class.

Occupational and Industrial Therapy

The Occupational Therapy Department has conducted classes in the occupational work room and also on various wards for patients who were unable to go to the work room. The following is a list of the articles made during the year in our Occupational and Industrial Therapy Departments: —

Hospital Property. Pillow slips, 4,341; face towels, 1,056; stand covers, 332; runners, 12; rugs, 23; waste baskets, 25; drapes, 14; baby bands, 11; bags, 2; hot pan holders, 12; costumes, 15; cut work luncheon sets, 11 pieces; curtains, 140; valances, 5; tie backs, 126; table covers, 91; dresses, 9; garters, 16; aprons,

5; hot dish pads, 8; sleeve band, 1; hemmed sacks, 1,657; sand bags, 59; canvas mattresses, 37; tapes, 1,716; door holders, 71; wreaths, 70; favors, 125; canvas curtains, 5; woven rugs, 425; jumpers, 105; bed socks, 37; nail brushes, 1; chair cushions, 7; wooden easel, 1; laurel bells, 9; mattresses, 750; pillows, 347; overalls, 425; shirts, 564; scrub brushes, 53; stool brushes, 5; sofa pillows, 82; ward handkerchiefs, 138; towels, 7,531.

Repairs. Shoes soled, 398; shoes heeled, 407; shoes patched, 255; chair cushions recovered, 7; chairs recovered, 6; couch recovered, 6, chairs caned, 61; baskets, 19; aluminum ware, 169; made-over mattresses, 468; pillows, 203; sofa pillows, 30; refinished chairs, 4; curtains, 15; dresses, 45; sweaters, 4; blouse, 1; knitted dress, 1; stockings, 4 pr.; draperies, 10; slips, 2; underwear, 24; relined coats, 67; mended coats, 38; pants, 6 pr.; rugs mended, 5; costumes, 32; hats, 7; mended vase, 1; glasses mended, 1 pr.; scissors sharpened, 15 pr.; laundry baskets, 28; refilled scrub brushes, 12; refilled stoll brushes, 4; picture frames, 2; waste baskets, 3; clocks, 6; card tables, 3.

Personal Property. Slips made, 5; skirts made, 4; dresses made, 17; blouse, 1; pants, 3; jackets, 1; pajamas, 1 pr.; knitted dress, 1; mended shawl, 1; skirt, 1; sweaters, 10; coat, 4; stockings, 6 pr.; underwear, 35; dresses mended, 36; tatting, 10 yds; cotton cloth animals, 3; slippers, 1 pr.; holders, 4; embroidered stand covers, 13; boat models, 43; picture frames, 50; trays, 1; jewel cases, 6; letter holder, 1; bag handles, 4; ring boxes, 2; lining for large box, 1; toys, 23; wooden rings, 2; drawer handles, 1; stiffing wooden pin, 1; blotter block, 1; wooden bracelet, 1; wooden banks, 2; wooden paper knife, 1; wooden sandals, 1; stage illusion, 1; refinished bowl, 1; packing box, 1; embroidered pillow slips, 2; chair sets, 3; cushions, 5; knitting bag, 1; edges on handkerchiefs, 30; curtain rills, 7; crocheted collar sets, 5; aprons, 2; wall hanging, 1; quilt, 1; bunching berries, 170; novelties, 40; belt buckle, 1; knitting frame, 1; foot stool, 1; ruler, 1; clothes rack, 1; movie machine parts, 5; repaired chair, 5; chair sewing kits, 3; covered hangers, 9; knotted belts, 2; posters, 3.

Odd Jobs. Dictaphone records shaved, 1,176; folders cut, 137; decoration cats, 2; decoration spider, 1; teeth reports typed, 124; letters typed (form), 22; fire drills, typed, 12; class notes typed, 48; hair cuts, 29; place cards, 48; posters, 3; peanuts bagged, 2,976; nuts bagged, 790; examination questions typed, 16; knitting instructions typed, 15; snapped beans, 70 bus.; shelled beans, 8 bus.; shelled peas, 15 bus.

Mimeographing and Printing. Hilltoppers, 48,600; tickets, 1,205; song sheets, 3,405; sports, 315; office work, 9,972; club-house, 3,250; beano cards, 500; printed forms, 22,908 pieces.

Recreational Therapy

The following forms of recreation and entertainments were held in our Assembly Hall during the year: —

Thirty-one movies; 2 minstrels; 30 Federal Theatre Project vaudevilles; 1 play for which there were 58 rehearsals; 47 P.W.A. dance concerts; 14 dancing classes; 1 masquerade; 1 cabaret; 1 Christmas tree exercise; 6 beano parties and one band concert.

As usual many baseball and soft-ball games were played during the summer months. One hundred patients attended a Circus here in town and about the same number attended the Three County Fair held here in Northampton.

During the past two years we have conducted during September an annual Field Day for the patients, patterned after the annual Field Days which have been conducted for the past several years at the Gardner State Hospital. At these Field Days the patients have been entertained by band concerts, outdoor vaudeville, athletic events for patients in which prizes are given to the winners. Perhaps more appreciated by the patients than anything else is the buffet dinner served from a large tent. These Field Days have proven very popular with both patients and employees in spite of the great amount of work which they entail.

In addition to the above, Sunday services for both Catholic and Protestant denominations have been held each Sunday in the Assembly Room and also occasional assemblies of the Jewish patients under the direction of the Jewish Chaplain.

Out-Patient Department

Out-Patient Clinics

Patients reporting at clinics	383
Inquiries regarding patients at clinics	440
	823

Consultations

Referred by:			
Social Agencies	42	Relatives	14
Schools	2	Self	4
Physicians	45	Court	23
Total			130

Treatment Cases	127

School Clinics

First examinations	188
Re-examinations	107
	295

Child Guidance Clinics

Holyoke children	71
Northampton children	69
	140

Visits to Family Care Patients	12
Psychometrics on patients	94

Court Cases

Referred from:		Type of Cases:	
Springfield	85	Section 215	112
Pittsfield	28	Unclassified	36
North Adams	3		
Westfield	6		
Northampton	19		
Lee	7		
Total	148	Total	148

Grand Total of all people seen in the Out-Patient Department during the year	1,769

Social Service Department

The most outstanding change in the Social Service Department occurred at the beginning of the year when the Social Service Office was moved from the rear to the front of the main building. A large room was redecorated next to the medical office and in close proximity to the record room and offices of the stenographers. This location is much more desirable and convenient as well as being more pleasant and the change has saved much time for the Social Workers.

The personnel of the Department has not changed during the past year and neither has the trend of the work done.

Although the number of patients released from the hospital has increased, the number of patients supervised at home has not made a corresponding increase. This is due to the fact that more patients have been supervised through the out-patient clinics. More time has been spent in trying to establish patients in the community and the number of personal services for patients both in and out of the hospital has nearly doubled. There has also been a great increase in the number of contacts made with patients in the hospital.

During the year the Social Service Department contributed 140 medical social histories to aid in diagnoses; 28 special investigations were made for patients in the hospital; 13 investigations were conducted to ascertain the patients' home conditions; 42 visits were made to patients in the hospital. There were 431 visits made to patients under supervision at home; 129 relatives seen; 31 visits to social agencies and 45 visits to others. Information was given to other agencies on 15 different cases. Employment was obtained for 7 patients and efforts were made to get employment for 7 others; 68 personal services were done for patients in and out of the hospital, 16 homes were investigated as possible places to board patients; 9 patients were placed in boarding homes; 6 were replaced and 116 visits were made to patients in boarding homes; 13 out-patient clinics have been attended and interviews have been held with 44 patients, 110 relatives and 6 others during clinic sessions.

The Child Guidance Clinics of Northampton and Holyoke have continued to be supervised by the Social Service Department and a half day a week has been given to the work in each clinic. Thirty-one clinic sessions have been attended; 135 clinic interviews have been held with parents, teachers and others; 7 home visits have been made and 3 personal services were done for children coming to clinic.

During the past year 180 medical staff meetings were attended as well as 16 other professional meetings. Three lectures were given in regard to the work of the Social Service Department in connection with this hospital and two and one-half days were contributed to voluntary work for the Red Cross during the emergency which was caused by the flood.

Steward's Department

The new cafeteria accommodating all the patients in the Memorial Group was opened on September 2 and at once demonstrated its superiority over the older methods of feeding. In the short time that the cafeteria has been in operation a great many favorable comments, and no criticisms, have been received from the patients who eat there. The food is served much more attractively and a greater variety can be given than under the old system of feeding.

Work has been started on the erection of a new kitchen and cafeteria to serve the Main group of buildings. This new setup will fill a long felt want as the patients in the Main group have for over seventy-five years been fed in small ward diningrooms that were overcrowded. The food served in these diningrooms, while adequate so far as food value goes, was often unpalatable because it had become cold since leaving the kitchen. It is apparent now that within the next year and a half our kitchen and diningroom facilities will be brought up to present hospital standards.

Great difficulty is experienced in the proper clothing of patients, mostly because fewer patients are home furnished than formerly. During the year $11,564 was expended for clothing and materials. This sum divided by the daily average population for the year shows the annual per capita expenditures for clothing to be only a little more than $6. At the present time not more than 2 or 3 per cent of the patient population receive all of their clothing from home. A fairly large percentage receive some clothing from home but more than 50 percent are furnished almost entirely by the hospital, and it is apparent at a glance that the money supplied for patients' clothing is seriously inadequate. We have been able, even with this small appropriation, to keep the patients clothed in a reasonably comfortable manner and always in a cleanly manner, but in appearance much of our patients' clothing is ill-fitted, patched and faded, such as to often cause unfavorable comments not only from the patients themselves but from their friends and relatives.

The new storehouse and cold storage remodelled from the old farm ward was opened in May and in the way of equipment, convenience and general utility leaves little to be desired.

The new laundry building was also put into operation in May. This laundry, while superior in many ways, is not equipped with sufficient number of washers and manglers to adequately handle the increased amount of laundry incident to the increase in the patient population and the pronounced increase in the number of employees. It is expected that extra equipment will be added in the near future.

Everything pertaining to the garage and grounds has functioned smoothly during the year.

Farm Report

The following are the weights in pounds for some of the major crops: — Silage, 857,650; green feed, 548,865; hay, 461,450; apples, 103,678; grapes, 740; asparagus, 5,396; string beans, 15,380; beets, 52,301; cabbage, 67,509; cantaloupes, 6,226; carrots, 68,238; cauliflower, 4,008; celery, 4,619; swiss chard, 3,577; sweet corn, 38,232; cucumbers, 6,384; potatoes, 85,324; dandelions, 2,237; lettuce, 1,711; onions, 40,007; parsnips, 24,133; peas, 4,174; green peppers, 1,524; pumpkins, 5,304; radishes, 97; rhubarb, 8,401; scullions, 5,724; spinach, 7,373; squash (summer), 12,388; squash (winter), 27,885; tomatoes, 95,082; turnips, 68,509; strawberries, 5,684.

The dairy is in very good condition. The milk production was 8,054,365 pounds, and beef 8,223 pounds.

During the year 79,100 pounds of dressed pork was produced. Also 10,290 dozen of eggs, and 7,712 pounds of dressed poultry.

Construction

A great deal of construction under W.P.A. projects was carried on during the year. The following were all under W.P.A. projects: —

A new laundry building, which was started last year on Earl Street near the Power House, was completed and in operation May, 1936. The storehouse and cold-storage, which was constructed by the remodeling of the old farm ward, was opened also in May.

A new cafeteria was opened on September 2, 1936, with all modern equipment. There is equipment enough to accommodate 1,000 people. This cafeteria serves the patients in the Memorial Group and also many of the parole patients from the main building. It has worked out very satisfactorily.

A new ward building to house one hundred and fifty female patients was opened in August, 1936. There are now four buildings in the Memorial Group which are known as the C, D, E, and F buildings.

A Federal Grant was allowed for the construction of a new kitchen and dining-room building in the rear of the Main building and this construction was started in September, and has progressed very rapidly. The contractors were able to proceed with this work because of the mild winter. This construction necessitated the tearing down of the old power plant and smoke stack, and also the carpenter, machine and paint shops.

A new passenger elevator in the Administration Building was completed in November, 1936.

Among other work done by the hospital construction force has been the renovating of the building known as the Braman house. This work was completed and the house is now being occupied by one of our Senior Physicians. Cottage No. 14, known as the Rhodes house is being renovated and when it is completed it will be occupied by one of the Assistant Physicians and his family. The room on the second floor of the Administration building, which was formlerly used as a laboratory, has been remodeled into a pharmacy. A masonate floor was laid, cabinets built for keeping drugs and the entire room plastered and painted. The laboratory is now in the basement of the South Infirmary. The old laundry building was remodeled and is now being used for carpenter, machine and paint shops. A portion of the building was enclosed and fireproofed in order that it might be used for a paint shop. Two offices were remodeled on the first floor of the Administration building, one for the medical staff and the other for stenographers. This required the tearing down of old ceiling and restropping with wire lath. An accoustic-celotex was installed in the stenographers' office on the ceiling and part of the walls. This type of ceiling was also installed in the telephone operators' booth. From the main road to the Memorial group 1,500 feet of cement walk was laid and 200 yards of gravel roadway. Grading was also done around the buildings in the Memorial Group and one thousand yards of gravel roadway was repaired. A great deal of plastering, painting, etc., was done on the wards, as well as miscellaneous repair work.

Engineer's Department

Power Plant Work

Connected a bypass from the discharge of the hot well pumps to the suction pipe of the feed pumps to supply feed water when cleaning the feed water heater.

Erected an elevated platform around coal elevator in room over coal bunker to enable workmen to make repairs to elevator safely.

Oil baffles were installed in air compressors by the Worthington Company.

Extensions were put on baffles in wind boxes by the Riley Stoker Corporation.

The same company rerolled 99 tubes in the lower drum of No. 1 boiler and 85 tubes in the lower drum of No. 2 boiler.

Installed feed water sampling connections in the upper rear drum of all boilers.

Plumbing and Steamfitting

Finished steam main installation from patients' cafeteria to houses No. 14, 15, 16 and 17.

Finished installation of steam heating system and plumbing in house No. 17.

Installed a new steam heating system and plumbing in house No. 14.

Installed a steam heating system and hot water heating equipment in house No. 15.

Removed the steam boiler and connected the heating system and hot water heating equipment to the steam main, from the patients' cafeteria, in house No. 16.

Piped in two radiators at the Diet Kitchen in the South Infirmary.

Installed a new radiator and sink in the new pharmacy.

Installed a radiator in the North side admitting room.

Started work on installing unit heaters in the new Shop Building.

Started work on a steam main from the new laundry to house No. 6.

Installed shower stalls in the third halls North.

Replaced old porcelain sinks with stainless steel sinks in the dining rooms in Middle and Upper third, North.

Installed a new lavatory in a room near Lower 1st., North.

Installed a lavatory and water closet in a new toilet room in the basement of the North Infirmary.

Replaced a kitchen sink at house No. 5.

Installed a direct hot water pipe from the heater to the dish washer in the patients' cafeteria.

Installed new relief valves on all hot water boilers.

Installed hot water controllers and new piping for the single tub rooms in the South Infirmary.

Installed a tailor press at the new laundry.

Salvaged some material from the old boiler house.

Tested all 1½″ and 2′ hose valves on the stand pipes in the 1st, 2nd and 3rd halls North and South and the North and South infirmaries.

Made and installed new sheet aluminum and steel dumb waiter cars in the third halls North and the South infirmary.

Put up pipe rails around the concrete ramp near the storehouse and hand rails on store steps.

Moved all machine and piping tools, sheet metal tools and stock of pipe and fittings to the new shop.

Made up new pipe racks.

Installed a Cullman drive on the machine lathe.

Electrical Work

Rewired Dr. Kundert's apartment at third floor of Administration Building.

Finished rewiring house No. 17 and hung fixtures.

Finished installation of feeder cable from the transformer vault in the patients' cafeteria to cottages on Chapel Street.

Connected service to houses, also removed street service.

Finished conduit to same houses and changed telephone connections to local switch board.

Installed some baseboard receptacles and some wiring for lights in house No. 15.

Wired for an outside light at North Rear Center stairtower and one outside the employees' cafeteria.

Rewired for lights as follows: — South Infirmary 2; M.I.N. dining room; some rooms in South Infirmary 4; and U.I.N.; shower rooms in third halls North; clothes rooms at third halls North; new paint shop and No. 2 greenhouse. Rewired stair towers as follows: — 1st, 2nd and 3rd halls South, South Infirmary and 2nd Halls North.

Replaced old lighting fixtures with new units as follows: — 1 in L.I.S.; 5 in M.1.S.; 10 in M.2.S.; 8 in U.2.S.; 3 in U.3.S.; 6 in L.1.N.; 6 in M.1.N.; 6 in U.1.N.; 5 in U.3.N.; 15 in S.I.2.

Installed electric fans as follows: — 1 in Steward's office; 1 in North Supervisors' office, 1 in N.I.1 and 1 in N.I.2.

Wired for baseboard outlets in S.I.1 diet kitchen.
Wired for a call signal in North side admitting room.
Moved power sewing machines to new laundry.
Wired for new air compressor motor at garage.
Moved motors from old to new shop building, made some temporary connections and started work on permanent motor wiring.

I take this opportunity to express appreciation for the excellent cooperation, industry and loyalty of the employees of the Northampton State Hospital, and to thank your Board for their support and helpful suggestions.

Respectfully submitted,
ARTHUR N. BALL, M.D.,
Superintendent.

VALUATION

November 30, 1936

REAL ESTATE

Land, 562.25 acres	$174,265.00
Buildings and betterments	2,704,992.90
	$2,879,257.90

PERSONAL PROPERTY

Travel, transportation and office expenses	$2,396.40
Food	13,180.71
Clothing and materials	24,175.60
Furnishings and household supplies	115,884.30
Medical and general care	3,944.09
Heat and other plant operation	2,353.83
Farm	53,240.34
Garage and grounds	5,212.22
Repairs	12,166.85
	$232,554.34

SUMMARY

Real estate	$2,879,257.90
Personal property	232,554.34
	$3,111,812.24

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1936.

STATEMENT OF EARNINGS

Board of Patients		$93,058.51
Personal Services		174.00
Sales:		
Food	$42.31	
Clothing and materials	163.55	
Medical and general care	72.50	
Heat and other plant operations	3.00	
Garage and grounds	12.00	
Repairs ordinary	125.71	
Farm: (calves, $337; cows., $100.)	437.00	
Miscellaneous Sales	242.52	
Total Sales		1,098.59
Miscellaneous:		
Interest on bank balances	$125.12	
Rents	2,186.68	
Commission on telephone pay stations	52.35	
Total Miscellaneous		2,364.15
Total earnings for the year		$96,695.25
Total cash receipts reverting and transferred to the State Treasurer		$96,689.27
Accounts receivable outstanding December 1, 1935	$38.93	
Accounts receivable outstanding November 30, 1936	44.91	
Accounts receivable increased		$5.98

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward		18,382.86
Appropriation, current year		688,665.00
Total		$707,047.86
Expenditures as follows:		
Personal services	$367,304.64	
Food	118,043.18	
Medical and general care	13,339.57	
Religious instruction	1,400.00	
Farm	23,901.60	

Heat and other plant operation	60,723.40	
Travel, transportation and office expenses	5,573.92	
Garage and grounds (garage, $2,961.84; grounds, $1,173 30)	4,135.14	
Clothing and materials	11,563.95	
Furnishings and household supplies	28,992.85	
Repairs ordinary	12,937.05	
Repairs and renewals	12,781.30	
Total maintenance expenditures		$660,696.60
Balance of maintenance appropriation, November 30, 1936		46,351.26
		$707,047.86

SPECIAL APPROPRIATIONS

Balance December 1, 1935, brought forward		$618,092.60
Appropriations for current year		266,696.38
Total		$884,788.98
Expended during the year (see statement below)	$211,991.22	
Reverting to Treasury of Commonwealth (Reduction of Appropriation*	367,190.82	
		579,182.04
Balance November 30, 1936 carried to next year		$305,606.94

APPROPRIATION	Act or Resolve	Total Amount Appropriated	Expended during fiscal year	Total Expended to date	Balance at end of year
	Chap. Acts				
Furnishing Male Attendants' Home	170-1932	$13,500.00	$175.96	$13,500.00	–
Male Nurses' Home	245-1931	150,000.00	144.03	150,000.00	–
Additional land	170-1932	75,000.00	1,092.00	53,656.98	$21,343.02
Passenger elevator	249-1935	12,000.00	7,252.07	7,252.07	4,747.93
Installation of Sprinklers	249-1935	4,000.00	718.42	3,733.81	266.19
Remodeling Rhodes' Cottage	249-1935	3,000.00	2,900.49	2,900.49	99.51
Food elevator	304-1936	20,000.00	–	–	20,000.00
Power plant, Project Docket M-14—1027		377,000.00	3,507.63	369,536.39	7,463.61
Ward building, proj. Docket M-15—1086		233,000.00	30,561.20	206,741.96	26,258.04
Dining and service building project docket, M-16—1142		110,500.00	36,629.03	109,410.27	1,089.73
Laundry building, project M-53—5565		106,196.38	41,933.33	105,328.48	867.90
Storage building, project M-45—8191		90,000.00	57,022.48	86,530.89	3,469.11
Rear center, project docket M-108—1149		10,056.48	56.48	56.48	10,000.00
Kitchen and dining room, project docket, M-108—1149R		240,000.00	29,998.10	29,998.10	210,001.90
		$1,444,252.86	$211,991.22	$1,138,645.92	$305,606.94

PER CAPITA

During the year the average number of patients has been, 1,874.11.
Total cost of maintenance, $660,696.60.
Equal to a weekly per capita cost of (52 weeks to year), $6.7795.
Total receipts for the year, $96,689.27.
Equal to a weekly per capita of $.9921.
Total net cost of maintenance for year, $564,007.33.
Net weekly per capita, $5.7874.

Respectfully submitted,
EVA L. GRAVES
Treasurer.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

(Data correct at end of institution year, November 30, 1936)

Date of *opening* as a hospital for mental diseases, August 16, 1858.
Type of hospital: State.
Hospital plant:
Value of hospital property:

Real estate, including buildings	$2,879,257.90
Personal property	232,554.34
Total	$3,111,812.24

Total acreage of hospital property owned, 562¼
Total acreage under cultivation during previous year, 241.

Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	–	1	–	–	–
Assistant physicians	7	2	9	1	–	1
Total physicians	8	2	10	1	–	1
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	–	20	20	–	–	–
Other nurses and attendants	120	138	258	–	3	3
Occupational therapists	2	3	5	–	–	–
Social workers	–	2	2	–	–	–
All other officers and employees	89	56	145	1	1	2
Total officers and employees	222	221	443	2	4	6

Classification by Diagnosis September 30, 1936

Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
WHITE						
Insane	844	996	1,840	160	180	340
Mental defectives	8	2	10	2	1	3
Epileptic and mentally defective	1	–	1	–	–	–
Alcoholics	–	–	–	1	–	1
All other cases	1	3	4	3	4	7
Total	854	1,001	1,855	166	185	351
OTHER RACES						
Insane	6	10	16	2	5	7
Total	6	10	16	2	5	7
Grand Total	860	1,011	1,871	168	190	358

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	115	95	210
Other patients employed in general work of hospital on date of report	364	449	813
Average daily number of all patients actually in hospital during year	880.50	994.43	1,874.93
Voluntary patients admitted during year	5	3	8
Persons given advice or treatment in out-patient clinics during year	56	128	184

TABLE 2. *Movement of Patient Population for the Year Ended September 30, 1936*

(Data in all of the following tables are based on the Statistical Year, October 1, 1935 to September 30, 1936)

	Total			Regular Court Commitment (Insane)			Observation			Temporary Care			Voluntary		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1935	1,006	1,172	2,178	1,003	1,168	2,171	–	2	2	1	1	2	2	1	3
Admissions during year:															
First admissions	279	231	510	227	209	436	35	15	50	13	6	19	4	1	5
Readmissions	48	53	101	40	43	83	5	4	9	2	4	6	1	2	3
Total admissions	327	284	611	267	252	519	40	19	59	15	10	25	5	3	8
Transfers from other mental hospitals	5	3	8	5	3	8	–	–	–	–	–	–	–	–	–
Total received during year	332	287	619	272	255	527	40	19	59	15	10	25	5	3	8
Total on books during year	1,338	1,459	2,797	1,275	1,423	2,698	40	21	61	16	11	27	7	4	11
Discharged from books during year:															
As recovered	50	15	65	28	3	31	16	9	25	6	1	7	–	2	2
As improved	76	135	211	72	134	206	1	–	1	2	1	3	1	–	1
As unimproved	22	10	32	17	6	23	1	–	1	4	4	8	–	–	–
As without psychosis	25	18	43	2	2	4	18	9	27	3	5	8	2	2	4
Total discharged to community	173	178	351	119	145	264	36	18	54	15	11	26	3	4	7
Transferred to other mental hospitals	60	4	64	60	4	64	–	–	–	–	–	–	–	–	–
Died during year	77	76	153	73	74	147	3	2	5	1	–	1	–	–	–
Total discharged, transferred and died during year	310	258	568	252	223	475	39	20	59	16	11	27	3	4	7
Patients remaining on books of hospital at end of year:															
In hospital	860	1,011	1,871	857	1,010	1,867	1	1	2	–	–	–	2	–	2
On parole or otherwise absent	168	190	358	167	190	357	–	–	–	–	–	–	1	–	1
Total	1,028	1,201	2,229	1,024	1,200	2,224	1	1	2	–	–	–	3	–	3

NOTE: — The total males in the Insane and Voluntary groups will not balance through September 30, 1936, owing to the fact that one male had a change of legal status during the year from Voluntary 86 to Court 51.

SUPPLEMENTARY DATA

	M.	F.	T.
Average daily number of patients on books during year	1,034.17	1,185.15	2,219.32
Actually in institution during year	880.50	994.43	1,874.93
In family care	1.24	15.19	16.43
On visit	145.37	175.53	320 90
On escape	7.05	–	7.05
Number of patients actually remaining in institution September 30, 1936:			
State	780	823	1,603
Reimbursing	80	188	268
Number of patients in family care September 30, 1936	2	13	15
State	1	7	8
Private	1	6	7
Number of non-insane patients in hospital at end of institution year:			
Mentally defective	8	2	10
Epileptic and mentally defective	1	–	1
Others	1	3	4

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States[1]	157	145	302	78	83	68	74	83	62
Austria	1	–	1	3	2	2	2	2	2
Canada[2]	23	18	41	32	32	27	29	28	22
Central America	–	–	–	1	–	–	–	–	–
China	1	–	1	1	1	1	–	–	–
Czecho-Slovakia	1	–	1	1	1	1	–	–	–
England	3	2	5	9	4	3	9	8	6
Finland	–	1	1	–	1	–	1	1	1
France	1	1	2	1	1	1	1	1	1
Germany	1	5	6	6	3	3	9	8	7
Hungary	–	2	2	–	–	–	2	2	2
Ireland	6	13	19	30	32	24	36	33	30
Italy	8	6	14	12	12	12	9	9	9
Poland	16	8	24	23	25	23	16	16	16
Portugal	1	–	1	1	1	1	1	1	1
Roumania	–	–	–	1	–	–	–	–	–
Russia	2	3	5	4	6	4	4	4	4
Scotland	3	2	5	4	3	2	2	1	1
Spain	–	–	–	–	–	–	1	–	–
Sweden	–	–	–	–	–	–	1	1	1
Switzerland	–	–	–	–	1	–	1	–	–
Wales	1	–	1	1	1	1	–	–	–
West Indies[3]	–	1	1	–	–	–	–	–	–
Other Countries	1	2	3	2	1	1	3	2	2
Unknown	1	–	1	17	17	13	8	9	5
Total	227	209	436	227	227	187	209	209	172

[1]Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U. S.
[2]Includes Newfoundland. [3]Except Cuba, Porto Rico and Virgin Islands.

TABLE 4. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born*

Age at Admission Years	Aggregate			NATIVE BORN															FOREIGN BORN																		Nativity Unknown		
				Total			Parentage												Total			Time in United States before Admission																
							Native			Foreign			Mixed			Unknown						Under 5 years			5–9 years			10–14 years			15 years and over			Unknown					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
15–19	10	6	16	9	6	15	2	3	5	5	3	8	1	–	1	1	–	1	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20–24	19	14	33	19	13	32	7	4	11	8	6	14	4	3	7	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
25–29	15	14	29	14	13	27	6	6	12	6	3	9	2	4	6	–	–	–	1	1	2	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–
30–34	23	18	41	17	17	34	6	6	12	7	5	12	4	5	9	–	1	1	6	1	7	–	–	–	1	1	2	1	–	1	3	–	3	1	–	1	–	–	–
35–39	18	14	32	14	9	23	5	5	10	3	2	5	2	2	4	4	–	4	4	5	9	–	–	–	–	1	1	2	–	2	2	4	6	–	–	–	–	–	–
40–44	20	26	46	15	15	30	6	7	13	4	5	9	2	2	4	3	1	4	5	11	16	–	–	–	–	–	–	2	–	2	3	10	13	–	1	1	–	–	–
45–49	14	13	27	7	5	12	5	–	5	1	2	3	1	3	4	–	–	–	6	8	14	–	–	–	–	–	–	–	–	–	5	8	13	1	–	1	1	–	1
50–54	17	18	35	10	15	25	5	5	10	1	7	8	3	2	5	1	1	2	7	3	10	–	–	–	–	1	1	2	–	2	4	2	6	1	–	1	–	–	–
55–59	20	13	33	13	9	22	8	5	13	2	2	4	–	1	1	3	1	4	7	4	11	–	–	–	–	2	2	1	–	1	6	2	8	–	–	–	–	–	–
60–64	18	9	27	11	4	15	4	–	4	4	2	6	–	–	–	3	2	5	7	5	12	–	–	–	–	–	–	1	–	1	6	5	11	–	–	–	–	–	–
65–69	16	17	33	6	8	14	2	5	7	2	2	4	2	–	2	–	1	1	10	9	19	–	–	–	–	–	–	–	–	–	10	9	19	–	–	–	–	–	–
70–74	13	12	25	8	7	15	4	3	7	3	2	5	1	2	3	–	–	–	5	5	10	–	–	–	–	–	–	–	–	–	4	5	9	1	–	1	–	–	–
75–79	14	20	34	8	12	20	5	4	9	2	4	6	–	1	1	1	3	4	6	8	14	–	–	–	–	–	–	–	1	1	5	7	12	1	–	1	–	–	–
80–84	4	8	12	3	5	8	1	4	5	1	–	1	1	1	2	–	–	–	1	3	4	–	–	–	–	–	–	–	2	2	1	1	2	–	–	–	–	–	–
85–over	6	7	13	3	7	10	1	4	5	1	1	2	–	1	1	1	1	2	3	–	3	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–
Total	227	209	436	157	145	302	67	61	128	50	46	96	23	27	50	17	11	28	69	64	133	1	–	1	1	5	6	9	5	14	53	53	106	5	1	6	1	–	1

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	157	145	302
Citizens by naturalization	27	15	42
Aliens	32	26	58
Citizenship unknown	11	23	34
Total	227	209	436

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	TOTAL			With syphilitic meningo-encephalitis			With other forms of syphilis			With other infectious diseases			Alcoholic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	6	6	–	1	1	–	–	–	–	–	–	–	–	–
Bulgarian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Chinese	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	52	32	84	2	–	2	–	–	–	–	–	–	2	–	2
Finnish	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
French	40	23	63	4	1	5	–	–	–	–	1	1	6	1	7
German	8	10	18	1	1	2	–	–	–	–	–	–	1	1	2
Hebrew	8	4	12	1	–	1	–	–	–	–	–	–	–	–	–
Irish	46	42	88	3	1	4	–	–	–	1	–	1	5	2	7
Italian [1]	13	9	22	3	–	3	–	–	–	–	–	–	–	–	–
Lithuanian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–
Scandinavian [2]	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic [3]	25	19	44	1	–	1	–	–	–	–	–	–	4	1	5
Syrian	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	18	48	66	–	1	1	1	–	1	–	–	–	–	1	1
Race unknown	10	8	18	–	–	–	–	–	–	–	–	–	–	–	–
Total	227	209	436	15	6	21	1	–	1	1	1	2	18	6	24

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	Due to drugs, etc.			Traumatic psychoses			With cerebral arterio-aclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1
Bulgarian	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Chinese	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	1	–	1	2	–	2	17	9	26	1	–	1	–	–	–	5	11	16
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	–	–	–	–	–	–	8	1	9	–	–	–	–	–	–	5	3	8
German	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1
Irish	–	–	–	–	–	–	4	7	11	1	1	2	–	–	–	3	4	7
Italian [1]	–	–	–	–	–	–	2	2	4	–	–	–	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian [2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	2	1	3	–	–	–	–	–	–	–	–	–
Slavonic [3]	–	–	–	–	–	–	5	–	5	–	–	–	–	1	1	1	1	2
Syrian	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Mixed	–	1	1	–	–	–	5	8	13	–	1	1	–	–	–	1	6	7
Race unknown	–	–	–	–	–	–	2	1	3	1	–	1	–	–	–	–	3	3
Total	1	1	2	2	–	2	47	31	78	4	5	9	–	1	1	16	29	45

[1] Includes "North" and "South".
[2] Norwegians, Danes and Swedes.
[3] Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Continued

RACE	Involutional psychoses			Due to other metabolic diseases etc.			Due to new growth			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Bulgarian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chinese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
English	3	1	4	–	–	–	–	–	–	–	–	–	1	1	2	4	1	5
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
French	1	2	3	1	1	2	–	–	–	–	–	–	1	1	2	2	2	4
German	1	1	2	–	1	1	–	–	–	–	–	–	–	1	1	1	2	3
Hebrew	–	1	1	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Irish	5	7	12	–	–	–	–	–	–	1	1	2	–	2	2	4	4	8
Italian[1]	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	1	2	3	1	1	2	1	–	1	–	–	–	1	–	1	2	1	3
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	1	3	4	1	1	2	–	–	–	–	–	–	–	3	3	3	5	8
Race unknown	1	1	2	–	–	–	–	–	–	–	–	–	1	1	2	1	1	2
Total	13	19	32	4	6	10	2	–	2	2	1	3	4	10	14	18	17	35

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Bulgarian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chinese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dutch and Flemish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	4	2	6	–	1	1	3	–	3	6	3	9	–	1	1	1	2	3
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	7	8	15	–	–	–	1	–	1	3	1	4	–	1	1	1	–	1
German	1	1	2	1	–	1	–	–	–	1	1	2	–	–	–	–	–	–
Hebrew	4	–	4	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Irish	10	8	18	1	–	1	3	1	4	3	3	6	1	–	1	1	1	2
Italian[1]	5	3	8	–	1	1	1	–	1	1	1	2	–	–	–	–	–	–
Lithuanian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Portuguese	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Slavonic[3]	6	12	18	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	4	12	16	–	1	1	1	1	2	1	3	4	–	1	1	–	–	–
Race unknown	3	1	4	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	46	49	95	2	6	8	10	3	13	17	12	29	1	3	4	3	3	6

[1]Includes "North" and "South".
[2]Norwegians, Danes, Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			15–19 years			20–24 years			25–29 years			30–34 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	6	21	1	–	1	–	–	–	–	–	–	1	1	2
With other forms of syphilis.	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	1	1
Alcoholic psychoses	18	6	24	–	–	–	1	–	1	–	–	–	2	–	2
Due to drugs, etc.	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–
With cerebral arteriosclerosis	47	31	78	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	4	5	9	–	–	–	–	–	–	–	1	1	–	–	–
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	16	29	45	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	13	19	32	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	4	6	10	–	–	–	–	–	–	–	1	1	–	–	–
Due to new growth	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	–	–	–	1	–	1	–	–	–	–	1	1
Psychoneuroses	4	10	14	1	–	1	–	2	2	–	2	2	–	2	2
Manic-depressive psychoses	18	17	35	–	2	2	1	1	2	4	1	5	–	–	–
Dementia praecox	46	49	95	7	3	10	8	9	17	8	8	16	14	9	23
Paranoia and paranoid conditions	2	6	8	–	–	–	–	–	–	–	–	–	–	2	2
With psychopathic personality	10	3	13	–	1	1	3	1	4	2	–	2	2	–	2
With mental deficiency	17	12	29	1	–	1	4	–	4	–	1	1	3	1	4
Undiagnosed psychoses	1	3	4	–	–	–	–	1	1	–	–	–	–	–	–
Without psychoses	3	3	6	–	–	–	–	–	–	1	–	1	1	1	2
Total	227	209	436	10	6	16	19	14	33	15	14	29	23	18	41

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Continued

PSYCHOSES	35–39 years			40–44 years			45–49 years			50–54 years			55–59 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	–	1	3	2	5	4	2	6	1	–	1	3	–	3
With other forms of syphilis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	5	1	6	3	2	5	–	–	–	2	2	4	3	1	4
Due to drugs, etc.	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–
Traumatic psychoses	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With cerebral arteriosclerosis	–	–	–	–	–	–	–	–	–	1	–	1	2	1	3
With other disturbances of circulation	–	–	–	–	–	–	1	1	2	2	2	4	1	–	1
With convulsive disorders (epil.)	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Senile psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2
Involutional psychoses	–	1	1	1	4	5	1	1	2	4	5	9	5	5	10
Due to other metabolic diseases, etc.	–	2	2	1	–	1	1	1	2	1	–	1	–	–	–
Due to new growth	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1
With organic changes of nervous system	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Psychoneuroses	1	1	2	1	3	4	–	–	–	1	–	1	–	–	–
Manic-depressive psychoses	2	–	2	2	5	7	4	2	6	3	1	4	2	1	3
Dementia praecox	5	5	10	2	7	9	1	4	5	–	1	1	–	1	1
Paranoia and paranoid conditions	1	1	2	–	–	–	–	–	–	–	2	2	–	–	–
With psychopathic personality	–	–	–	–	–	–	–	–	–	1	1	2	1	–	1
With mental deficiency	2	2	4	4	1	5	–	2	2	–	3	3	2	1	3
Undiagnosed psychoses	–	–	–	–	1	1	1	–	1	–	–	–	–	1	1
Without psychoses	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
Total	18	14	32	20	26	46	14	13	27	17	18	35	20	13	33

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With other forms of syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to drugs, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arterio-sclerosis	11	4	15	10	7	17	9	6	15	9	9	18	3	–	3	2	4	6
With other disturbances of circulation	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	–	–	–	2	1	3	4	6	10	5	9	14	1	8	9	4	3	7
Involutional psychoses	2	1	3	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneu oses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	1	1	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–
Paranoia and paranoid conditions	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Total	18	9	27	16	17	33	13	12	25	14	20	34	4	8	12	6	7	13

TABLE 8. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illiterate			Reads Only			Reads and Writes			Common School			High School			College			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	6	21	1	–	1	1	–	1	–	1	1	9	5	14	4	–	4	–	–	–	–	–	–
With other forms of syphilis	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	1	–	1
Alcoholic psychoses	18	6	24	–	–	–	1	1	2	5	–	5	10	4	14	1	1	2	1	–	1	–	–	–
Due to drugs, etc.	1	1	2	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
Traumatic psychoses	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
With cerebral arteriosclerosis	47	31	78	7	3	10	2	1	3	2	4	6	25	14	39	5	6	11	–	2	2	6	1	7
With other disturbances of circulation	4	5	9	–	–	–	1	–	1	1	1	2	1	2	3	–	2	2	–	–	–	1	–	1
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Senile psychoses	16	29	45	3	2	5	1	–	1	2	7	9	7	13	20	1	4	5	1	2	3	1	1	2
Involutional psychoses	13	19	32	–	–	–	1	3	4	2	2	4	7	9	16	3	4	7	–	–	–	–	1	1
Due to other metabolic diseases, etc.	4	6	10	–	1	1	–	–	–	–	–	–	3	3	6	–	2	2	–	–	–	1	–	1
Due to new growth	2	–	2	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	–	–	–	–	–	–	–	–	–	1	–	1	1	1	2	–	–	–	–	–	–
Psychoneuroses	4	10	14	–	–	–	–	–	–	–	–	–	4	7	11	–	3	3	–	–	–	–	–	–
Manic-depressive psychoses	18	17	35	–	–	–	–	1	1	2	2	4	9	8	17	5	5	10	2	–	2	–	1	1
Dementia praecox	46	49	95	1	3	4	3	1	4	3	6	9	22	25	47	13	13	26	2	1	3	2	–	2
Paranoia and paranoid conditions	2	6	8	–	–	–	–	2	2	–	–	–	1	2	3	–	1	1	1	1	2	–	–	–
With psychopathic personality	10	3	13	–	–	–	–	–	–	–	–	–	7	2	9	1	1	2	2	–	2	–	–	–
With mental deficiency	17	12	29	3	3	6	2	1	3	5	3	8	6	3	9	1	1	2	–	–	–	–	1	1
Undiagnosed psychoses	1	3	4	–	–	–	–	–	–	–	–	–	1	2	3	–	1	1	–	–	–	–	–	–
Without psychoses	3	3	6	1	–	1	–	–	–	–	–	–	2	–	2	–	1	1	–	1	1	–	1	1
Total	227	209	436	16	12	28	12	10	22	22	26	48	120	100	220	36	47	83	9	7	16	12	7	19

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			0–2,499			2,500–9,999			10,000–24,999			25,000–49,999			50,000–99,999			100,000–249,999			500,000+			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	6	21	1	–	1	1	1	2	2	1	3	2	1	3	2	–	2	7	3	10	–	–	–	–	–	–
With other forms of syphilis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Alcoholic psychoses	18	6	24	1	–	1	4	–	4	2	2	4	4	1	5	1	1	2	4	2	6	1	–	1	1	–	1
Due to drugs, etc.	1	1	2	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1
Traumatic psychoses	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
With cerebral arteriosclerosis	47	31	78	7	2	9	5	3	8	17	10	27	3	2	5	1	4	5	14	4	18	–	6	6	–	–	–
With other disturbances of circulation	4	5	9	1	–	1	1	1	2	–	–	–	–	1	1	1	1	2	1	2	3	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Senile psychoses	16	29	45	–	2	2	3	3	6	8	8	16	1	2	3	–	2	2	4	12	16	–	–	–	–	–	–
Involutional psychoses	13	19	32	1	1	2	2	3	5	2	1	3	3	3	6	2	3	5	2	7	9	–	1	1	1	–	1
Due to other metabolic diseases, etc.	4	6	10	–	1	1	–	2	2	2	1	3	–	–	–	1	–	1	1	2	3	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	–	–	–	1	–	1	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	4	10	14	–	2	2	2	2	4	1	1	2	1	1	2	–	1	1	–	2	2	–	–	–	–	1	1
Manic-depressive psychoses	18	17	35	–	1	1	4	3	7	4	3	7	5	2	7	1	4	5	4	4	8	–	–	–	–	–	–
Dementia praecox	46	49	95	3	2	5	9	6	15	7	12	19	4	9	13	5	1	6	14	18	32	1	–	1	3	1	4
Paranoia and paranoid conditions	2	6	8	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	2	4	6	–	–	–	–	–	–
With psychopathic personality	10	3	13	–	–	–	1	–	1	4	–	4	–	1	1	2	–	2	3	2	5	–	–	–	–	–	–
With mental deficiency	17	12	29	5	2	7	3	3	6	2	2	4	4	2	6	1	1	2	–	2	2	–	–	–	2	–	2
Undiagnosed psychoses	1	3	4	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1
Without psychoses	3	3	6	–	–	–	–	1	1	2	–	2	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–
Total	227	209	436	20	13	33	37	31	68	53	42	95	28	26	54	18	19	37	61	68	129	2	7	9	8	3	11

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	6	21	4	4	8	8	1	9	1	–	1	2	1	3
With other forms of syphilis	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
With other infecious diseases	1	1	2	–	1	1	–	–	–	–	–	–	1	–	1
Alcoholic psychoses	18	6	24	3	2	5	15	2	17	–	1	1	–	1	1
Due to drugs, etc.	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–
Traumatic psychoses	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–
With cerebral arterio-sclerosis	47	31	78	11	13	24	26	10	36	3	4	7	7	4	11
With other disturbances of circulation	4	5	9	1	2	3	1	1	2	–	1	1	2	1	3
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Senile psychoses	16	29	45	6	15	21	8	7	15	1	3	4	1	4	5
Involutional psychoses	13	19	32	1	3	4	10	11	21	1	2	3	1	3	4
Due to other metabolic diseases, etc.	4	6	10	–	1	1	3	4	7	–	1	1	1	–	1
Due to new growth	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	–	–	–	–	–	–	1	–	1	1	1	2
Psychoneuroses	4	10	14	–	4	4	2	4	6	–	1	1	2	1	3
Manic-depressive psychoses	18	17	35	–	6	6	15	9	24	2	–	2	1	2	3
Dementia praecox	46	49	95	6	22	28	34	20	54	–	1	1	6	6	12
Paranoia and paranoid conditions	2	6	8	–	2	2	2	2	4	–	–	–	–	2	2
With psychopathic personality	10	3	13	–	1	1	9	1	10	–	–	–	1	1	2
With mental deficiency	17	12	29	5	7	12	10	3	13	2	–	2	–	2	2
Undiagnosed psychoses	1	3	4	1	1	2	–	1	1	–	–	–	–	1	1
Without psychoses	3	3	6	1	3	4	2	–	2	–	–	–	–	–	–
Total	227	209	436	40	87	127	150	77	227	11	14	25	26	31	57

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	6	21	3	4	7	9	1	10	2	1	3	1	–	1
With other forms of syphilis	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
With other infectious diseases	1	1	2	–	–	–	1	–	1	–	–	–	1	–	1
Alcoholic psychoses	18	6	24	–	–	–	–	–	–	18	6	24	–	–	–
Due to drugs, etc.	1	1	2	–	–	–	1	–	1	–	1	1	–	–	–
Traumatic psychoses	2	–	2	1	–	1	–	–	–	1	–	1	–	–	–
With cerebral arterio-sclerosis	47	31	78	17	17	34	13	13	26	11	–	11	6	1	7
With other disturbances of circulation	4	5	9	1	4	5	2	1	3	–	–	–	1	–	1
With convulsive disorders (epilepsy)	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Senile psychoses	16	29	45	4	22	26	9	4	13	2	1	3	1	2	3
Involutional psychoses	13	19	32	1	6	7	8	12	20	2	1	3	2	–	2
Due to other metabolic diseases, etc.	4	6	10	–	4	4	2	2	4	1	–	1	1	–	1
Due to new growth	2	–	2	–	–	–	1	–	1	1	–	1	–	–	–
With organic changes of nervous system	2	1	3	–	1	1	2	–	2	–	–	–	–	–	–
Psychoneuroses	4	10	14	–	7	7	2	3	5	1	–	1	1	–	1
Manic-depressive psychoses	18	17	35	5	7	12	9	4	13	4	4	8	–	2	2
Dementia praecox	46	49	95	8	30	38	24	13	37	11	4	15	3	2	5
Paranoia and paranoid conditions	2	6	8	–	5	5	2	–	2	–	–	–	–	1	1
With psychopathic personality	10	3	13	1	2	3	6	–	6	3	1	4	–	–	–
With mental deficiency	17	12	29	7	8	15	6	3	9	4	1	5	–	–	–
Undiagnosed psychoses	1	3	4	–	3	3	1	–	1	–	–	–	–	–	–
Without psychoses	3	3	6	2	1	3	–	1	1	1	–	1	–	1	1
Total	227	209	436	50	122	172	98	57	155	62	20	82	17	10	27

TABLE 12. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			Single			Married			Widowed			Divorced			Separated			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	6	21	3	2	5	11	–	11	1	4	5	–	–	–	–	–	–	–	–	–
With other forms of syphilis	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	18	6	24	9	1	10	7	3	10	–	2	2	1	–	1	1	–	1	–	–	–
Due to drugs, etc.	1	1	2	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	2	–	2	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	47	31	78	5	7	12	27	5	32	14	18	32	1	–	1	–	1	1	–	–	–
With other disturbances of circulation	4	5	9	–	–	–	3	4	7	–	1	1	–	–	–	–	–	–	1	–	1
With convulsive disorders (epilepsy)	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	16	29	45	3	4	7	5	6	11	7	18	25	1	–	1	–	1	1	–	–	–
Involutional psychoses	13	19	32	5	–	5	5	9	14	3	9	12	–	1	1	–	–	–	–	–	–
Due to other metabolic diseases, etc.	4	6	10	1	2	3	2	2	4	1	2	3	–	–	–	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	4	10	14	3	4	7	–	5	5	–	–	–	1	1	2	–	–	–	–	–	–
Manic-depressive psychoses	18	17	35	9	8	17	8	4	12	1	3	4	–	2	2	–	–	–	–	–	–
Dementia praecox	46	49	95	32	29	61	12	16	28	1	2	3	–	–	–	1	2	3	–	–	–
Paranoia and paranoid conditions	2	6	8	1	1	2	1	3	4	–	1	1	–	–	–	–	1	1	–	–	–
With psychopathic personality	10	3	13	4	2	6	6	1	7	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	17	12	29	17	8	25	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–
Undiagnosed psychoses	1	3	4	–	2	2	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	3	3	6	2	1	3	1	–	1	–	2	2	–	–	–	–	–	–	–	–	–
Total	227	209	436	98	72	170	93	64	157	29	63	92	4	5	9	2	5	7	1	–	1

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1936, All Cases in Residence and All Cases Out on September 30, 1936, by Status of Admission and Sex*

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit, etc.					
	First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to or Associated with Infection:																														
Syphilis of the Central Nervous System:																														
Meningo-encephalitic type (general paresis)	15	6	21	2	1	3	7	–	7	–	–	–	4	2	6	1	–	1	56	18	74	5	2	7	3	5	8	–	–	–
Other types	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	1	–	1	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6	5	11	1	1	2	1	–	1	–	–	–
With other infectious disease	2	1	3	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Psychoses Due to Intoxication:																														
Due to Alcohol:																														
Pathological intoxication	2	1	3	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–
Delirium tremens	7	2	9	2	1	3	9	–	9	2	1	3	–	–	–	–	–	–	2	1	3	–	–	–	2	1	3	–	–	–
Korsakow's psychosis	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	10	–	10	1	–	1	–	–	–	–	–	–
Acute hallucinosis	20	2	22	5	–	5	21	3	24	5	–	5	1	–	1	1	–	1	13	1	14	1	–	1	13	3	16	6	–	6
Other types	5	2	7	1	–	1	9	1	10	1	1	2	2	1	3	–	1	1	53	8	61	14	5	19	8	1	9	1	–	1
Due to Drugs or Other Exogenous Poisons:																														
Due to opium and derivatives	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Due to other drugs	2	1	3	–	–	–	–	2	2	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
Psychoses Due to Trauma:																														
Traumatic delirium	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Post-traumatic personality disorders	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	1	–	1	–	–	–
Post-traumatic mental deterioration	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–
Psychoses Due to Disturbance of Circulation:																														
With cerebral arteriosclerosis	51	32	83	5	3	8	9	8	17	1	2	3	34	23	57	4	1	5	69	65	134	6	3	9	10	8	18	–	2	2
With cerebral embolism	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	1	1	–	–	–	–	–	–
With cardio-renal disease	2	1	3	–	–	–	–	2	2	–	–	–	2	1	3	–	–	–	3	4	7	–	–	–	1	1	2	–	–	–
Other types	2	3	5	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	3	1	4	–	–	–	–	1	1	–	–	–
Psychoses Due to Convulsive Disorders (Epilepsy):																														
Epileptic deterioration	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	1	1	2	–	–	–	–	–	–
Epileptic clouded states	–	1	1	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–	4	1	5	2	1	3	–	1	1	–	–	–
Other epileptic types	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1936, All Cases in Residence and All Cases Out on September 30, 1936, by Status of Amission and Sex* — Concluded

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit, etc.					
	First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to Disturbances of Metabolism, Growth, Nutrition or Endocrine Function:																														
Senile Psychoses:																														
Simple deterioration	12	20	32	–	–	–	–	–	–	–	–	–	7	12	19	–	–	–	10	18	28	–	1	1	2	2	4	–	–	–
Presbyophrenic type	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Delirious and confused types	1	2	3	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
Depressed and agitated types	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	2	5	7	–	–	–	–	–	–	–	–	–
Paranoid types	4	7	11	–	1	1	2	–	2	–	–	–	1	3	4	–	–	–	18	21	39	1	–	1	–	3	3	–	1	1
Involutional psychoses:																														
Melancholia	11	11	22	2	–	2	6	9	15	2	3	5	–	1	1	–	1	1	31	28	59	10	5	15	11	4	15	–	–	–
Paranoid types	2	7	9	–	2	2	–	2	2	–	–	–	1	2	3	–	–	–	1	10	11	–	2	2	1	1	2	–	1	1
Other types	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	1	–	1
With diseases of the endocrine glands	–	3	3	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	2	2	–	–	–
Exhaustion delirium	3	1	4	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	2	–	2	–	1	1	1	1	2	–	–	–
With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
With other somatic diseases	1	3	4	–	–	–	–	1	1	–	–	–	1	1	2	–	–	–	2	5	7	–	1	1	–	2	2	–	–	–
Psychoses Due to Neu Gr uth:																														
With intracranial neoplasms	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–
With other neoplasms	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Unknown or Hereditary Causes, but Associated with Organic Changes:																														
With multiple sclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With other brain or nervous diseases	2	1	3	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	3	–	3	–	–	–
Disorders of Psychogenic Origin or Without Clearly Defined Tangible Cause or Structural Change:																														
Psychoneuroses:																														
Anxiety hysteria	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Conversion hysteria:																														
Paralytic type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Mixed hysterical psychoneurosis	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychasthenia or compulsive states:																														
Obsession	–	1	1	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Convulsive tics and spasms	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–

Phobia	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Mixed compulsive states	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Neurasthenia	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Hypochondriasis	–	3	3	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
Reactive depression	2	6	8	–	–	–	–	4	4	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	2	7	9	–	–	–
Anxiety state	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed psychoneurosis	3	3	6	–	–	–	2	1	3	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–	–	1	1	–	–	–
Manic-depressive Psychoses:	–	–																												
Manic type	7	9	16	5	9	14	4	6	10	2	14	16	–	–	–	1	2	3	8	8	16	10	14	24	4	6	10	3	8	11
Depressive type	8	8	16	1	4	5	4	5	9	–	2	2	–	1	1	–	1	1	7	20	27	5	11	16	8	3	11	2	9	11
Circular type	–	–	–	–	1	1	–	2	2	1	3	4	–	–	–	–	–	–	4	7	11	4	12	16	–	–	–	–	1	1
Mixed type	1	2	3	1	7	8	–	–	–	1	1	2	–	2	2	–	–	–	–	3	3	1	6	7	2	1	3	–	3	3
Other types	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Dementia praecox (schizophrenia):																														
Simple type	–	–	–	–	–	–	3	5	8	–	2	2	–	–	–	–	1	1	2	12	14	2	6	8	–	6	6	–	–	–
Hebephrenic type	6	12	18	–	4	4	2	8	10	1	2	3	–	2	2	2	1	3	59	65	124	32	28	60	6	4	10	3	2	5
Catatonic type	23	17	40	8	4	12	26	22	48	4	5	9	2	2	4	–	3	3	156	160	316	42	61	103	16	22	38	5	10	15
Paranoid type	9	17	26	3	7	10	4	18	22	1	7	8	3	4	7	2	1	3	79	196	275	17	76	93	15	29	44	4	7	11
Other types	11	7	18	1	–	1	2	–	2	–	–	–	–	–	–	–	–	–	6	5	11	2	2	4	4	3	7	–	–	–
Paranoid conditions	2	6	8	–	1	1	–	1	1	–	1	1	–	–	–	–	–	–	1	3	4	–	–	–	2	3	5	–	–	–
With psychopathic personality	10	3	13	2	1	3	2	–	2	–	–	–	1	–	1	–	–	–	7	3	10	1	3	4	3	4	7	1	–	1
With mental deficiency:																														
Idiot	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	4	7	1	1	2	–	–	–	–	–	–
Imbecile	5	4	9	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	21	23	44	11	3	14	4	4	8	–	1	1
Moron	11	7	18	2	–	2	2	2	4	–	–	–	–	–	–	–	–	–	23	27	50	3	7	10	4	5	9	3	–	3
Unknown	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	3	–	1	1	1	–	1	–	–	–
Undiagnosed Psychoses:	3	3	6	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	2	3	–	–	–
Without Psychoses:																														
Alcoholism	5	1	6	1	1	2	6	1	7	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Drug addiction	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychopathic personality:																														
With pathological emotionality	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
With asocial or amoral trends	2	1	3	2	2	4	2	2	4	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed types	2	2	4	2	1	3	2	1	3	1	1	2	–	–	–	–	–	–	–	–	–	1	–	1	1	1	2	1	–	1
Mental deficiency:																														
Idiot	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Imbecile	1	1	2	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–	3	1	4	1	–	1	1	1	2	–	–	–
Moron	4	2	6	1	–	1	3	3	6	–	–	–	–	–	–	–	–	–	2	1	3	1	–	1	–	–	–	1	–	1
Epilepsy and mental deficiency:																														
Imbecile	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Moron	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other non-psychotic diseases or conditions	4	2	6	–	1	1	4	2	6	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
No other condition	1	1	2	1	1	2	1	1	2	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Primary Behavior Disorders:																														
Simple adult maladjustment	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Grand Total	279	231	510	48	53	101	145	126	271	28	52	80	65	64	129	12	12	24	684	754	1,438	176	257	433	137	145	282	31	45	76

NOTE: — Admissions and discharges do not include transfers.

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	TOTAL			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	7	–	7	–	–	–	7	–	7	–	–	–
Alcoholic psychoses	29	4	33	20	1	21	6	3	9	3	–	3
Due to drugs, etc.	1	2	3	1	1	2	–	1	1	–	–	–
Traumatic psychoses	1	–	1	–	–	–	1	–	1	–	–	–
With cerebral arteriosclerosis	9	9	18	–	–	–	7	8	15	2	1	3
With other disturbances of circulation	–	3	3	–	–	–	–	3	3	–	–	–
Senile psychoses	2	1	3	–	–	–	2	–	2	–	1	1
Involutional psychoses	8	15	23	1	–	1	6	15	21	1	–	1
Due to other metabolic diseases, etc.	–	1	1	–	–	–	–	1	1	–	–	–
Due to new growth	1	–	1	–	–	–	–	–	–	1	–	1
With organic changes of nervous system	–	1	1	–	–	–	–	1	1	–	–	–
Psychoneuroses	2	6	8	–	–	–	1	6	7	1	–	1
Manic-depressive psychoses	12	30	42	5	1	6	7	29	36	–	–	–
Dementia praecox	40	65	105	–	–	–	32	62	94	8	3	11
Paranoia and paranoid conditions	–	2	2	–	–	–	–	1	1	–	1	1
With psychopathic personality	2	–	2	–	–	–	2	–	2	–	–	–
With mental deficiency	2	4	6	1	–	1	1	4	5	–	–	–
Undiagnosed psychoses	1	–	1	–	–	–	–	–	–	1	–	1
Without psychoses	2	2	4	–	–	–	–	–	–	–	–	–
Total	119	145	264	28	3	31	72	134	206	17	6	23

TABLE 15. *Hospital Residence during This Admission of Court First Admissions Discharged during 1936*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	7	–	7	1.81	–	1.81
Alcoholic psychoses	23	3	26	.35	.23	.33
Due to drugs, etc.	1	2	3	.79	.25	.43
With cerebral arteriosclerosis	9	8	17	.35	.50	.42
With other disturbances of circulation	–	3	3	–	.20	.20
Senile psychoses	2	1	3	.33	.12	.26
Involutional psychoses	6	12	18	2.59	1.51	1.87
Due to other metabolic diseases, etc.	–	1	1	–	.79	.79
Due to new growth	1	–	1	.04	–	.04
With organic changes of nervous system	–	1	1	–	.20	.20
Psychoneuroses	1	5	6	.54	.17	.23
Manic-depressive psychoses	8	11	19	1.16	1.95	1.62
Dementia praecox	34	49	83	1.16	1.95	1.63
Paranoia and paranoid conditions	–	1	1	–	.20	.20
With psychopathic personality	2	–	2	.29	–	.29
With mental deficiency	2	3	5	.24	1.11	.76
Undiagnosed psychoses	1	–	1	.12	–	.12
Without psychoses	2	2	4	.04	11.60	5.82
Total	99	102	201	.92	1.67	1.30

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders*

Causes of Death	Total			With syphilitic meningo-encephalitis			With other infectious diseases			Alcoholic psychoses			Due to drugs, etc.			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																								
Influenza	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	3	3	6	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis (non-nervous forms)	4	1	5	3	1	4	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Other infectious diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																								
Cancer and other malignant tumors	4	1	5	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																								
Diabetes	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																								
Meningitis	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	5	3	8	–	–	–	–	–	–	–	1	1	–	–	–	3	1	4	–	–	–	–	–	–
General paralysis of the insane	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox and other psychoses	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																								
Chronic endocarditis (valvular disease)	–	5	5	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Diseases of the myocardium	15	34	49	–	–	–	–	–	–	–	–	–	–	–	–	10	15	25	2	1	3	–	1	1
Diseases of the coronary arteries and angina pectoris	2	–	2	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the heart	4	7	11	–	–	–	–	–	–	–	1	1	–	–	–	2	2	4	–	1	1	–	–	–
Arteriosclerosis	10	2	12	–	1	1	–	–	–	–	–	–	–	–	–	5	–	5	–	–	–	–	–	–
Diseases of the Respiratory System:																								
Bronchopneumonia (including capillary bronchitis)	8	4	12	–	–	–	1	–	1	–	–	–	–	–	–	5	–	5	–	–	–	1	–	1
Lobar pneumonia	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																								
Other diseases of the intestines	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																								
Nephritis (acute, chronic and unspecified)	4	1	5	–	–	–	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–
Calculi of the urinary passages	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Violent and Accidental Deaths:																								
Other external causes	3	4	7	–	–	–	–	–	–	1	–	1	–	–	–	2	3	5	–	–	–	–	–	–
Ill-defined Causes of Death:	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	73	74	147	5	2	7	1	–	1	5	2	7	1	–	1	34	23	57	2	2	4	1	1	2

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders* — Concluded

CAUSES OF DEATH	Senile psychoses			Involutional psychoses			Due to other metabolic diseases etc.,			Due to new growth			With organic changes of nervous system			Manic-depressive psychoses			Dementia praecox			With psychopathic personality			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																											
Influenza	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Tuberculosis of the respiratory system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	3	5	–	–	–	–	–	–
Syphilis (non-nervous forms)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Cancer and Other Tumors:																											
Cancer and other malignant tumors	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases																											
Diabetes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																											
Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox and other psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																											
Chronic endocarditis (valvular disease)	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Diseases of the myocardium	1	8	9	1	2	3	–	1	1	–	–	–	–	–	–	–	1	1	1	5	6	–	–	–	–	–	–
Diseases of the coronary arteries and angina pectoris	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the heart	1	2	3	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Arteriosclerosis	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System:																											
Bronchopneumonia (including capillary bronchitis)	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1
Lobar pneumonia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																											
Other diseases of the intestines	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Peritonitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																											
Nephritis (acute, chronic and unspecified)	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–
Calculi of the urinary passages	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																											
Other external causes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Ill-Defined Causes of Death:	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	10	16	26	1	4	5	1	2	3	1	–	1	–	1	1	1	6	7	9	14	23	1	–	1	–	1	1

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			15–19 years			20–24 years			25–29 years			35–39 years			40–44 years			45–49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	2	7	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With other infectious diseases	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	5	2	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to drugs, etc.	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
With cerebral arteriosclerosis	34	23	57	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Senile psychoses	10	16	26	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	1	4	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Due to new growth	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With organic changes of nervous system	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	1	6	7	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Dementia praecox	9	14	23	–	1	1	–	1	1	1	–	1	–	1	1	–	1	1	3	3	6
With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	73	74	147	–	1	1	–	1	1	1	–	1	–	1	1	2	3	5	4	4	8

Psychoses	50–54 years			55–59 years			60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	–	–	–	1	–	1	2	–	2	1	–	1	–	1	1	–	–	–	–	1	1	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	3	–	3	1	1	2	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–
Due to drugs, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	1	–	1	1	2	3	6	2	8	5	3	8	9	5	14	7	6	13	3	–	3	2	5	7
With other disturbances of circulation	–	1	1	–	–	–	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With convulsive disorders (epilepsy)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	–	–	–	–	1	1	1	–	1	1	1	2	1	3	4	2	4	6	2	4	6	3	3	6
Involutional psychoses	–	2	2	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
Due to other metabolic diseases, etc.	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	2	2	–	1	1	–	1	1	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–
Dementia praecox	–	–	–	1	1	2	2	–	2	–	1	1	–	5	5	1	–	1	1	–	1	–	–	–
With psychopathic personality	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Total	2	6	8	6	6	12	15	6	21	8	7	15	13	14	27	11	11	22	6	6	12	5	8	13

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

PSYCHOSES	TOTAL			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	2	7	–	–	–	–	–	–	1	–	1	1	–	1	3	2	5
With other infectious diseases	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	5	2	7	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
Due to drugs, etc.	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	34	23	57	6	7	13	11	5	16	5	3	8	1	–	1	6	3	9
With other disturbances of circulation	2	2	4	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1
With convulsive disorders (epilepsy)	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Senile psychoses	10	16	26	–	–	–	4	5	9	2	5	7	1	1	2	1	2	3
Involutional psychoses	1	4	5	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	1	1	1	–	1	–	–	–	–	–	–	–	1	1
Due to new growth	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Manic-depressive psychoses	1	6	7	–	1	1	–	–	–	–	–	–	–	–	–	–	5	5
Dementia praecox	9	14	23	–	–	–	–	–	–	–	–	–	–	–	–	2	4	6
With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	73	74	147	9	9	18	17	13	30	8	8	16	3	1	4	13	20	33

PSYCHOSES	3–4 years			5–6 years			7–8 years			9–10 years			11–12 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	1	–	1	1	–	1	–	–	–	–	–	–	1	–	1	–	2	2	–	–	–
Due to drugs, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	2	1	3	2	3	5	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	1	2	3	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Dementia praecox	–	–	–	2	1	3	–	3	3	–	–	–	1	1	2	–	1	1	4	4	8
With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Without psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Total	4	3	7	8	5	13	3	4	7	–	1	1	3	1	4	1	4	5	4	5	9

TABLE 19. *Average Length of Hospital Residence during the Present Admission of All First Admissions in Residence on September 30, 1936*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	56	18	74	3.32	3.43	3.35
With other forms of syphilis	2	–	2	6.00	–	6.00
With epidemic encephalitis	6	5	11	7.33	5.50	6.50
Alcoholic psychoses	78	10	88	8.89	10.69	9.09
Due to drugs, etc.	1	1	2	.45	7.50	3.97
Traumatic psychoses	5	1	6	8.68	2.50	7.65
With cerebral arteriosclerosis	69	65	134	2.23	2.85	2.53
With other disturbances of circulation	6	7	13	1.47	4.33	3.01
With convulsive disorders (epilepsy)	5	3	8	5.10	10.50	7.12
Senile psychoses	31	47	78	3.06	2.98	3.01
Involutional psychoses	33	39	72	4.60	4.07	4.31
Due to other metabolic diseases, etc.	4	8	12	6.47	5.74	5.98
Due to new growth	–	1	1	–	17.50	17.50
With organic changes of nervous system	1	1	2	7.50	.45	3.97
Psychoneuroses	2	5	7	.97	2.88	2.33
Manic-depressive psychoses	21	38	59	7.15	4.77	5.62
Dementia praecox	302	438	740	9.59	9.59	9.59
Paranoia and paranoid conditions	1	3	4	2.50	.45	.96
With psychopathic personality	7	3	10	3.17	12.16	5.87
With mental deficiency	47	57	104	9.98	6.70	8.18
Undiagnosed psychoses	–	1	1	–	.45	.45
Without psychoses	7	3	10	10.77	10.15	10.58
Total	684	754	1,438	7.40	7.51	7.46

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmissions in Residence on September 30, 1936*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	2	7	2.29	.45	1.76
With epidemic encephalitis	1	1	2	2.50	4.50	3.50
Alcoholic psychoses	16	5	21	10.30	7.50	9.64
With cerebral arteriosclerosis	6	3	9	2.81	1.46	2.36
With other disturbances of circulation	–	1	1	–	17.50	17.50
With convulsive disorders (epilepsy)	3	2	5	3.81	15.00	8.29
Senile psychoses	1	1	2	2.50	1.50	2.00
Involutional psychoses	10	7	17	2.89	5.06	3.78
Due to other metabolic diseases, etc.	–	2	2	–	15.00	15.00
Psychoneuroses	–	1	1	–	3.50	3.50
Manic-depressive psychoses	20	43	63	8.89	5.76	6.75
Dementia praecox	95	173	268	11.49	9.57	10.25
With psychopathic personality	1	3	4	.45	3.15	2.47
With mental deficiency	15	12	27	10.53	12.83	11.55
Without psychoses	3	1	4	1.48	.45	1.22
Total	176	257	433	9.49	8.69	9.01

TABLE 20. *Family Care Statistics for Year Ended September 30, 1936*

	Males	Females	Total
Remaining in Family Care September 30, 1935	1	14	15
On Visit from Family Care September 30, 1935	–	4	4
Admitted to Family Care during the year	3	16	19
Whole Number of Cases within the year	4	30	34
Discharged from Family Care within the year	2	17	19
Died on Family Care	–	1	1
From Family Care to Visit Status	–	6	6
Discharged from Family Care	1	–	1
Returned to Institution	1	10	11
Remaining in Family Care September 30, 1936	2	13	15
On Visit from Family Care September 30, 1936	–	6	6
Average Daily Number in Family Care during year	1.24	15.18	16.42
Supported by State	1	7	8
Private	1	6	7

Public Document No. 21

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1937

DEPARTMENT OF MENTAL DISEASES

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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OCCUPATIONAL PRINTING PLANT
DEPARTMENT OF MENTAL DISEASES
GARDNER STATE HOSPITAL
EAST GARDNER, MASS.

NORTHAMPTON STATE HOSPITAL

(Post Office Address: Northampton, Mass.)

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——— ——— *Assistant Physician.*
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TRUSTEES' REPORT

To His Excellency the Governor and the Honorable Council:

The Trustees of the Northampton State Hospital submit herewith their report for the year ending November 30, 1937, together with the reports of the hospital Superintendent and Treasurer for the same period.

Regular meetings of the Board have been held as usual on the second Thursdays of each month excepting the midsummer months. The attendance at these meetings has been unusually good. Inspections by two or more members of the board have been made each month of the year with reports and discussions at the regular meetings. Mr. Albert Darling, the only farmer member of the board, has been assigned as farm inspector and most of the ward inspections have been made by local members. Mrs. Emily Newton, the member from Wellesley, has been unable, because of poor health, to attend any meetings during the year.

In looking back over the year's work at the Northampton State Hospital we feel that much has been accomplished besides the ordinary routine treatment of the many unfortunate people committed to our care. During that time definite steps

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have been taken toward the correction of perhaps the outstanding weakness of this hospital. We refer to the preparation and serving of food. As stated in our 1936 report, work was begun late that year on the erection of a new kitchen and dining-room building to replace the present inadequate and antiquated kitchen and ward diningrooms with a modern culinary setup that will provide freshly prepared and properly served food to the patients in the Main Group. The new service building is nearly completed and should be in full operation early in 1938. This building is a model of fine construction and its equipment leaves little to be desired. In addition to a large main kitchen and cafeteria style diningroom, it contains a bakery with the latest type gas ovens and other mechanical equipment; a cannery with modern equipment (this cannery has been in use since last August); a vegetable preparation room of high efficiency type; and a large room that can be used as a pathological laboratory. The contrast between this setup and its predecessor is extreme.

We would respectfully call attention again to the need at this hospital for facilities to do major surgery, to the overcrowding of male wards, to the need of special facilities for the segregation and care of tubercular patients, to the removal of the farm building to a location nearer the center of farm activities and away from the ward buildings, to the need of a separate building to house noisy and disturbed patients, and to the desirability of a building for occupational and industrial therapy.

In last year's budget a special appropriation was granted for fireproofing the Male Infirmary Building. Plans for this work have been approved and the work will probably be begun shortly. It is hoped that this work of fireproofing by the replacement of wooden floors with reinforced concrete will be continued so that within a few years all ward buildings at least will be free from serious fire hazards.

The Northampton State Hospital serves nearly the entire four Western counties of the State with a population exceeding one eighth that of the Commonwealth. In many respects our facilities are less than those of other similar institutions to the East of us. Our per capita cost has for several years past been the lowest in the State. We feel very strongly that our general facilities should be raised to a par with other Massachusetts State Hospitals.

We take this occasion to express our appreciation to the employees of the Northampton State Hospital for services faithfully and efficiently rendered during the year under the very capable supervision of our Superintendent, Dr. Arthur N. Ball.

Respectfully submitted,

John C. O'Brien, M.D.
Chairman of the Board of Trustees.
Anne O'Keefe Heffernan,
Secretary of the Board of Trustees, pro tem.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I submit herewith report for the year ending November 30, 1937.

Movement of Population

The number of patients on books October 1, 1936 was 2,229. There were admitted during the year 668 making a total of 2,897 under care and treatment during the year. There were discharged to their relatives and transferred to other institutions 409 patients. One hundred and ninety-five deaths occurred leaving 2,293 patients on the books September 30, 1937, of which 1,947 were actually in the hospital and 346 were on visit, or otherwise absent.

For other information relative to Movement of Patient Population see statistical tables further on in this report.

The year covered in this report can be considered as a fairly successful one. As in previous years a serious effort has been made to get patients out of the hospital as it is felt very strongly that a substantial number now here could be in the community if given the proper supervision. In many cases the family, friends or persons otherwise interested are not in a position to take responsibility for the patient whom it would seem desirous to release and in some cases the patient's

reputation in the community prior to admission was such that there seems to be considerable opposition on the part of the authorities or neighbors to the patient's release. It is, of course, true that a very large number of people committed here are within a short time able to make a good adjustment and while at the hospital conduct themselves in a manner that shows no serious mental handicap. Unfortunately, however, many of these same people when released into the community cannot make adjustments due to alcoholic excesses, domestic incompatibility, etc. As regards family care we are still experiencing great difficulty in finding suitable homes for patients. With the low rate allowed by the State for family care it is not surprising that such would be the case. In most instances where attempts were made to place patients in rural communities the family caretakers seemed to expect that, in addition to the regular $4.50 allowed for board, the patients will do a considerable amount of work. It is, of course, desirous that patients in family care have some work to do but it does not seem just that they should have to do heavy manual labor or other work that entails long hours or disagreeable duties. I have never felt that patients should be kept in family care if, after a reasonable trial, they are dissatisfied and express a strong desire to return to the hospital. The family care cases with which we are having most success are those who for one reason or another cannot return to their homes but can be placed with suitable families and work for a small wage in addition to their keep. In a few cases the relatives of patients are willing to assume the cost of family care at an amount greater than $4.50 per week. We have not, however, as might appear from the above statement, given up our efforts to place a large number of patients to board in families at the State's expense. This effort will be continued and no doubt occasional suitable homes will be found so that the number in family care can be increased.

As outlined in this report under "Steward's Department" it will be seen that better food has been served during the past year than formerly and there are now no very serious defects in the dietary. Relative to the matter of patients' clothing, however, a more serious situation exists, and there seems to be no way to remedy this unless there is a substantial increase in the amount of money allowed for clothing or unless a building for Industrial Therapy is added so that we could manufacture a large part of our clothing, particularly men's clothing, at a very substantial saving compared to what we are now obliged to pay.

Personnel

During the year the following changes were made in the Medical Staff: Robert Jennings, M.D., Assistant Physician, who had been on the staff since March 18, 1936, resigned December 21, 1936 in order to accept a better position at the Eloise Hospital, Eloise, Michigan. Harry Michelson, M.D., who had several years of hospital training and private practice in neurology and psychiatry, was appointed to the position of Assistant Physician on April 15, 1937. S. George Velonis, M.D., who had been on the staff as Assistant Physician since November 5, 1936, resigned on September 7, 1937, to accept a position at the Colville Indian Reservation, Nespelem, Washington. Ruth Parker, M.D., has been appointed as Pathologist and will begin work December 1, 1937.

Psychiatric Service

Staff Meetings have been continued daily except Saturdays and Sundays.

Staff Conferences, for the consideration of all admissions not presented at the regular staff meetings, are held frequently on both the Male and Female Service.

During the year a distinct advancement has been made in the treatment of paresis with the use of malaria supplemented with tryparsamide and other antiluetic drugs. Insulin shock has been tried in a few cases without encouraging results and at the present time we have instituted the use of metrazol, which seems to offer much greater promise.

Medical and Surgical Service

Survey of tuberculosis has been continued under the supervision of Dr. Black. All new admissions are now fluoroscoped and those that appear suspicious, either as a result of fluoroscope or from other clinical findings, are x-rayed and referred

to Dr. Black, who examines them on her bi-monthly visits. In some cases a lung collapse has been used with very gratifying results. The matter of isolation of tubercular patients is rather serious. We are at the present time able to segregate our active pulmonary tuberculosis cases in the infirmary wards. There are, however, several other patients in the same ward and their food is all served from the same diningroom. Before we can properly care for our tubercular population there must be either a new building or a new addition built where these patients can be entirely segregated.

Our provisions for major surgery continue to be deplorable. There are no operating facilities at this hospital and it is, therefore, necessary to transfer operative cases to the Cooley-Dickinson Hospital, one and one-half miles distant, by ambulance and return them in the same manner while still under anesthesia. This procedure is not only expensive but in some cases dangerous. There seems at the present writing to be some prospect that a small appropriation will be granted for the remodelling of the Superintendent's living quarters into a surgical suite. If this is done, another serious handicap under which this hospital has labored for a great many years will have been overcome. During the year the use of insulin in small doses has been tried on a number of undernourished, deteriorated patients. The results of this treatment have been excellent. In nearly all cases weight has been gained and in some cases physical improvement has been almost miraculous. Little change has been noted in the patients' mental condition, however, but the fact that there has been improvement due to increased appetite is encouraging.

Dental Department

All new patients have their teeth examined soon after admission to the hospital by the resident dentist, and he also gives them what other dental treatment is necessary. The following is a summary of the work done by the dentist during the year other than the general routine examinations: — 1,100 fillings; 195 dental plates made or repaired; 2,772 having teeth cleaned; 838 extractions; 520 receiving treatment of teeth or gums and 355 miscellaneous treatments, etc.

Laboratory

Our pathological and clinical laboratory is still located in temporary quarters but we have from time to time added pieces of equipment so that facilities are continually improving. The new laboratory quarters in the kitchen and diningroom building, nearly completed, have not yet been occupied. A considerable amount of carpentry and other work will be necessary before these new quarters can be used. Dr. Ruth Parker has been appointed Pathologist and will begin her duties on December 1st. Our pathological personnel will, therefore, consist of a pathologist, a trained technician and one student technician listed on the payroll as an attendant but working in the laboratory when not needed on the wards for relief duty.

School for Psychiatric Nursing

A two year course in psychiatric nursing was given during the year under the direct supervision of the Principal of School of Nursing assisted by members of the medical staff. There were 8 who graduated last June and at the present time we have 4 in the senior class and 13 in the junior class of our Psychiatric Nursing School.

Occupational Therapy

The Occupational Therapy Department has conducted five classes daily in the occupational work room during the year. The following articles were made or repaired during the year: —

Hospital Property: — Towels, special, 28; towels, 11,704; pillow slips, 3,119; face cloths, 619; stand covers, 426; runners, 7; tray cloths, 2; centerpieces, 9; crocheted centerpiece, 2; table covers, 2; buffet set, 1; chair sets, 5; spreads, 318; hot dish pads, 18; hot pan holders, 16; door stops, 8; sofa pillows, 71; mittens, 13 pr.; red flag, 1; curtains, 105 pr.; cottage curtains, 1 pr.; curtains headed, 20 pr.; curtain tie backs, 60; overdrapes, 2; hooked rugs, 23; braided rugs, 2; wastebaskets of raphia, 35; reed wastebaskets, 11; flower baskets of reed, 38; knotted belts, 4; knotted key cords, 1; hemmed sacks, 2,837; ward handkerchiefs, 634;

tapes and balls, 83; shoulder straps, 493; checker boards, 3; pencil holders, 2; oven scoops, 2; button holes in 317 shirts.

Repairs. — Dresses mended, 43; dresses altered, 1; slips mended, 2; skirts mended, 2; coats repaired, 68; coats lined, 61; coats made over, 1; rugs repaired, 6; sweaters mended, 8; aprons, 2; doll recovered, 1; trousers mended, 4; chairs, 3; stool, 1; end table refinished, 1; tables refinished, 3; mat for information desk, 1; loom hook, 1; loom, 1; rug frame, 1; umbrella, 1; picture frame, 1; knitting needles, 1 pr.; wastebaskets, 12; curtains mended, 54; hooks for curtains, 24; valances, 12.

Personal Property. — Dolls dressed, 5; Puritan hat, 1; blouse, 1; dresses, 2; pajama top, 1; knotted belts, 3; tray, 1; fur vest, 1; knitting needles, 3 pr.; knitted face cloths, 20; knitted scarfs, 2; crayoned pillow covers, 7; crayoned wall hanging, 5; embroidered sampler, 1; hemstitched luncheon set, 5 pieces; hemstitched napkins, 4; cross stitch runners, 6; embroidered pillow cases, 2; stand covers, 9; curtain pulls, 13; curtains, 3 pr.; drapes, 2 pr.; holders, 8; pillow covers, 31; handkerchiefs edged, 9; embroidered chair sets, 4; table decorations, 2; favors, 51; painted picture, 1; paper covered jars, 2; paper covered cigar box, 1; bookends, 1 pr.; petal pillow, 1; cutwork towels, 2; embroidered center piece, 1; crocheted collar, 1; wall hanging, 1.

Personal Mended Articles. — Sweaters, 5; dresses, 17; underwear, 9; stockings, 4 pr.; trousers altered, 8; rugs, 3.

Odd Jobs. — Dictaphone records shaved, 531; forms typed, 43 sheets; cards typed, 10; teeth reports typed, 55 sheets; ruled charts, 40; signs made, 12; posters, 13; folders, 3,618; enlarged map, 1; pictures of brains drawn, 8; cartoons, 3; hair cuts, 53; split paper, 1,500 sheets; suits pressed, 2; peas shelled, 19 bu.; beans broken, 565 bu.; onion sets split, 1 bu.; candy bagged, 384; candy boxed, 2,508; peanuts bagged, 1,056; nuts bagged, 776; wreaths (laurel), 84; bells, 10; decorated floats, 2; decorated tables, 4; place cards, 8; nut cups, 5; witch, 1; cat, 1; flower show fence, 1; birthday parties, 3; booth at Three County Fair.

Mimeographing. — Stencils cut, 205; "Hilltoppers", 49,880 sheets; office forms, 22,203 sheets; laundry slips, 1,000; cards, 60; tickets, 1,725; contest votes, 2,000; occupational therapy prescription cards, 250.

Industrial Therapy

Our Industrial Therapy Department moved from the inadequate quarters which they formerly had to the basement of the "C" building where they have much better working facilities. The following is a list of the articles made during the year: —

Hospital property. — Mattresses, 714; pillows, 457; canvas mattresses, 66; rugs, 431; overalls, 396 prs.; jumpers, 201; shirts, 574; bed socks, 20 pr.; hydro ticks, 32; mattress ticks, 180; canvas mattress ticks, 58; mattress spring covers, 4; pillow ticks, 43; cover for Green House (12 ft. x 12 ft.), 1; rubber covers for mattresses, 4; forms printed, 20,425; time charts for doctors and supervisors, 65; scrub brushes, 9.

Repairs. — Shoes soled, 386 pr.; shoes heeled, 393 pr.; shoes patched, 252 pr.; couches, 3; chair cushions, 23; laundry baskets, 33; chairs, 6; men's trousers shortened, 16 pr.; chairs caned, 27; aluminum trays, 11; aluminum plates, 19; aluminum bowls, 2; aluminum cups, 3; canvas for truck, 4; canvas mattress ticks, 76.

Recreational Therapy

The following forms of recreation and entertainment were provided for the patients during the year: —

Baseball. — The baseball team played 41 games on the hospital grounds, winning 34, losing 6 and tying 1. An average of 350 patients attended the games. Ten different patients played from time to time.

Soft-ball. — Thirty soft-ball games were played with an average patient attendance of 300. Fifty different patients participated in these games.

Bowling. — This form of recreation was enjoyed by 65 patients.

Other Recreations. — Horseshoe pitching, 45 patients; hiking, 200 patients; table tennis, 35 patients; sleigh rides, 30 patients; athletic contests (ball throwing,

running, etc.), 40 patients; beano, 350 patients; pool and billiards, 30 patients; outdoor basketball, 10 games were played, 20 patients participating and an average of 100 patients watched the games; 10 games of indoor basketball were played at the high school and 10 patients saw these games; 200 patients attended the Hampshire County Fair; 100 patients attended a concert by the U. S. Navy Band in John M. Greene Hall; 50 patients attended a circus at the fair grounds and 40 patients played volley ball.

Chapel Assemblies. — Church services, 107; religious counsel, 3; communions, 3; Rabbi, 1; medical clinic lectures, 12; community sing, 2; play (hospital talent), 1; dance review (P.W.A.), 1; Elk's Minstrel Show, 1; P.W.A. dance concerts, 45; rehearsals, 36; F.T.P. vaudeville, 15; beano games, 6; motion pictures, 22; miniature movies, 3; carnival, 1; field day. 1.

Out-Patient Department

Out-Patient Clinics:	
Patients reporting at clinics	322
Inquiries regarding patients at clinics	331
	653
Consultations:	
Referred by:	
Social Agencies	29
Schools	4
Physicians	43
Relatives	24
Self	18
Court	26
Total	144
Treatment Cases	71
School Clinics:	
First Examinations	309
Re-examinations	184
	493
Child Guidance Clinics:	
Holyoke Children	96
Northampton Children	93
	189
Visits to Family Care patients	13
Psychometrics on patients	72

Court Cases:	
Referred from:	
Pittsfield	16
Springfield	120
Westfield	5
Northampton	10
Great Barrington	3
Greenfield	2
North Adams	15
Sandisfield	1
Chicopee	2
Total	174
Types of Court Cases:	
Section 215	136
Section 99	4
Unclassified	34
Total	174
Grand Total:	
Grand Total of all people seen in the Out-Patient Department during the year.	1,809

Social Service Department

The Social Service Department has continued to have the services of two workers during the past year, with no changes in staff. More time has been spent in placing and visiting family care patients than formerly, otherwise the trend of work has remained the same.

The Department has contributed 167 medical social histories to aid in diagnoses, and supervised 504 patients in their homes. A total of 824 visits have been made to the patients; 93 visits to relatives, 36 visits to others and 24 visits to social agencies. Twenty-six patients have been helped in some definite way to adjust themselves in the community. In 27 cases cooperative work with other agencies was carried on in order to aid the patients.

Employment was obtained for 3 patients and in 20 cases information was contributed regarding the home conditions previous to the patient's release from the hospital.

Special investigations were made for 12 patients and 58 personal services were rendered to patients during the year.

Efforts were made to have more contact with patients before they left the hospital and 88 interviews were held with patients on the wards. In connection with family care work, 7 homes were investigated as possible places to board patients. Nineteen patients were placed in boarding homes; 6 patients were returned to the hospital and 189 visits were made to patients in boarding homes.

The Springfield Out-Patient Clinic has been covered by the Social Service Department during the year. Ten clinics have been attended and 100 interviews with patients or relatives have been conducted. The Northampton and Holyoke Child Guidance clinics were very inadequately covered due to the lack of available time for that work. However, 51 clinics were attended, 181 interviews were held regarding children seen at clinic, and 20 homes were visited.

An official visit was made to the Worcester Child Guidance Clinic in order to ascertain the accepted procedure of a Child Guidance Clinic recognized as being successful.

There were 194 medical staff meetings attended at the hospital, and one or both workers were present at 18 other meetings of a professional nature outside the hospital. During the year 4 lectures were given on the subject of Social Work.

Steward's Department

This Department is pleased to report that the new kitchen and diningroom unit, which is practically completed and should be ready for occupancy the early part of 1938, will be one of the most efficient in the State. Cooking for both patients and employees will be done in one kitchen but food will be served in separate diningrooms of ample capacity. Cafeteria service is to be used in both diningrooms and should be a great improvement over the former method of feeding. Previously, food was sent to a number of small ward diningrooms and it was necessary to handle it a number of times before it finally reached the patient. Now, the patients will be brought to the food. On all cafeteria counters are installed two 10-gallon coffee urns where the patient may see his coffee made and served to him in the same manner that it would be in a finely equipped restaurant. Also, the counters are equipped with large automatic toasters so that patients will receive toast in the morning that is fresh and hot. Installed in the counters are ice cream compartments and cold cabinets for items which should be kept cool, such as salads.

A modern bakery included in this kitchen and diningroom unit has been equipped with every known machine to facilitate the work and improve the quality of bakery products. It has two rotary ovens with a capacity of 500 1½-pound loaves of bread.

This Department believes that we should get away from the old ration system and instead, have a flat rate for each eater per day. At present prices an estimate of thirty cents per eater would appear adequate but this amount would fluctuate with the cost of foods. With this 30 cents per capita per day we could serve eggs to patients several times a week and fresh fruit two or three times, something we have not been able to do in the past. The ration allowance would simply be used as a yardstick. The flat rate would simplify bookkeeping and would be much more satisfactory in many other respects.

Attention is again called to the totally inadequate allowance for clothing, amounting this year to less than $6 per patient under care. Home furnishing of patients' clothing has now fallen off to a point far below that in previous years with the result that a great many who still retain their pride in personal appearance are obliged to go clad in faded and patched denim that would be considered a disgrace at many an almshouse.

The new laundry building, which was put into operation last year, is working out very satisfactorily. There was one 42 x 84 washer installed this year, and we hope in next year's appropriation to get sufficient money to purchase a new mangler. This will speed up our work a great deal. The old mangler, which has been used for more than twenty years, should be used only in rush periods.

Listed below is the approximate amount of work which goes through the laundry in one week: — Sheets, 25,000; pillowslips and towels, 37,000; blankets, 1,000; dresses, 1,100; shirts, 1,500; underwear, 8,300; johnnies, 4,000; overalls and jumpers, 1,500; laundry bags, 3,000; rugs, 400; stockings, 10,000; rags, 1,000 lbs.; patients' suits and odd trousers, 200; mattresses sterilized, 45; uniforms, 800, and handkerchiefs, 1,600.

Farm Report

The past year was quite generous with us. Most of the farm crops were in abundance and ample for the institution needs as the following figures indicate (in pounds): — Silage, 995,245; hay, 790,155; green feed, 501,630; milk, 812,510; pork, 100,439; poultry, 7,370; beef, 7,823; eggs, 12,264; apples, 43,368; beets, 32,615; carrots, 56,129; cabbage, 100,998; onions, 48,501; parsnips, 23,501; squash, 15,973; tomatoes, 83,344; turnips, 41,734; and strawberries, 5,026 qts.

Besides the above, there were many smaller crops too numerous to tabulate.

There was no serious trouble with any of the live stock, — some breeding difficulties with a few cows but no more than might be expected in a herd of this size.

It will be necessary to raise more young stock in order to meet the increasing demands of the institution for milk.

Much time was spent in clearing the several fields of stones, extending the several draining systems and in clearing up brush land.

The new orchard on the Graves lot has been pruned and fertilized. The indications are now that many of these trees will develop and produce good fruit.

As a whole the farm is in a better physical condition than a year ago.

Maintenance Department

The following work was done during the year: —

New Construction. — Three built-in bookcases made and installed in the Administration building apartments; a three-car garage was erected between houses No. 11 and 12. This is of brick and concrete block construction with a slate roofing and a garage to house the fire apparatus was erected of concrete blocks.

Plastering, three coats, including restrapping and application of metal lath. — Ceiling in L.3.S. and ceilings in four bedrooms in M.1.S.

Concrete Work. — Cement curbings, gutters and floors were installed for setting up new steel pens in the calf barn; 50 cubic yards of sand was graded at the sand bank; cement runway in "D" building basement; a trench from the steam line in the main tunnel to greenhouse No. 2 was completed; retaining wall back of the new laundry floor in the basement of house No. 17; concrete foundation poured and car puller installed at the railroad siding near the new Power Plant; 80 tons of rock were blasted and crushed; 2,700 concrete blocks were made and a great deal of grading was done during the year including 1,000 square yards of grading around the new cafeteria.

Repainting. — Wards "D-3" and "E-3"; all exit doors throughout the institution; exterior of the Employees' Home South and the shop building; interior of the Employees' Home North; all tin decks and roofs throughout the buildings; all fire hydrants, sprinkler indicators and guard rails.

Remodeling. — Two rooms in Lower 2nd North and Lower 2nd South into laundry distributing rooms; diningrooms in L.1.N., M.1.N. and U.1.N. into dormitories; a section of N.I.1. was enclosed and equipped for a barber shop; clothes rooms in M.3.N. and U.3.S. refitted with shelving and lockers; linoleum flooring was taken up and replaced with terrazza in ten bedrooms in the "D" building.

Brick and concrete block masonry. — Two chimneys were taken down to the roof line and rebuilt at house No. 7; ground floor of the porch at the "C" building was enclosed for a room space for the industrial department.

Renovation. — House No. 14 was completed and one of the Assistant Physicians now occupies this house; 3 rooms on the fourth floor of the main building; rotunda of the Administration building; in the second halls South slate floors were removed and a concrete base put in for tile flooring in rooms to be used for shower stalls; removed the old plaster board on ceilings of S.I.3. The ceilings were furred and lathed with metal lath and a three coat plaster job. The entire ward was painted.

Keying System. — Fifty new locks were installed throughout the institution; about 60% of the locks were repaired. With approximately 3,000 keys in circulation it is often necessary to make new keys and this year about 250 keys were cut from blanks. About 100 door checks were reconditioned and about 500 square feet of glass reglazed throughout the institution during the year.

In addition to the above many wards and rooms were repainted, fly screens made and repaired, window lights reset and hundreds of small repair jobs done.

Engineer's Department

Power Plant Work

Coal consumed, 6,515 long tons.

Average daily consumption, 17.85 long tons.

Water evaporated 104,702,176 pounds.

Water evaporated per pound of fuel, 11.39 pounds.

Steam pressure carried on boilers, 200 pounds.

Average boiler efficiency, 75.8 per cent.

All boilers (3) were inspected and certificate of inspection issued by the Department of Public Safety, Division of Inspection. Replaced a 2" Relief valve on the feed pipe to the boilers. There were the usual replacements of burned out stoker parts and worn out parts on the coal handling machinery.

Electrical Work

Installed individual motor drives on all shop machines. Wired for heat control valves at No. 2 greenhouse. Wired for motors on new shoe repairing machinery at the basement of the "C" building. Wired in outlets for toaster and hot plates in the diet kitchen at 4th floor of Administration building. Wired motor on paint mixer in paint store house. Wired in two ventilating fans in two rooms at L.4.N. Wired for a hot water temperature control valve in the shop building. Finished wiring in unit heaters in the shop building. Wired for a motor on a hot water circulating pump at the laundry. Relocated time clock batteries in the "D" building basement. Reconnected wiring to an air compressor motor which was relocated in the "D" building. Wired in a motor on the new washer at the laundry. Installed conduit underground from the South Infirmary to No. 1 greenhouse and from the garage to the new fire station for lighting service. One transformer was installed in each of the third South and North infirmary vaults for service to new elevators in the North and South Infirmaries.

Rewired for lights as follows: — Truck garage, 4 rooms at M.1.S., 1 outside light at the shop building and 1 at the paint storage house, new barber shop at 3rd hall North, stairtower at the 3rd halls North, East and West stairtower at the North Infirmary, house No. 14, garage at cottages No. 1, 11, and 12, main hospital garage, new ell part at house No. 2, 3 outlets at house No. 18, South Infirmary 3, 2nd South toilet rooms. Replaced old lighting fixtures with new units as follows: — 22 ceiling fixtures in North Infirmary 2 and 3, 12 ceiling fixtures in South Infirmary 2.

Plumbing and Steamfitting

Connected water piping to drinking fountains in new stalls at the calf barn. Installed four lavatories in the new barber shop at the 3rd hall North. Replaced old porcelain sinks with new stainless steel sinks in South Infirmary 1 and 3 and North Infirmary 3. Installed hot water heater and service to sinks in the shop building. Reinstalled the hot water heater at "F" building after repairs had been made to the storage tank. Reinstalled the surgical sink at the South Infirmary, No. 2, to make room for a new elevator. Installed new plumbing and heating service in a new ell at house No. 2. Renovated 3 bathrooms, installed 6 new shower bath stalls and relocated 3 bath tubs in the 2nd halls South. Replaced an old galvanized hot water boiler with a new Everdur copper boiler at house No. 6. Installed heating coils in the truck garage, and steam service to house No. 6 from the new laundry. Connected new damper regulators to hot water heating boilers in houses No. 2 and 18.

Installed the following: — new automatic temperature controls on the heating system at No. 2 greenhouse and added some heating coils; soap tanks with steam and water service to same at the new laundry; reducing valves on the steam service to the hot water heaters in the "F" building and patients' cafeteria; 3 wall radiators in the new barber shop; finished connecting steam and return service to unit heaters in the shop building and installed a condensation pump and receiver; also water and steam service to garage at cottages No. 1, 11 and 12; a reducing valve on the steam service to the laundry water heater; a new steam and return service to No. 2 greenhouse connecting same to steam and return mains in the new tunnel "E"; and insulated a hot water storage tank in the Employees' Home South and steam piping to hot water heaters in the "C", "D" and "E" buildings.

Other Mechanical Work

Replaced a worn out dish washer in the Employees' cafeteria with a second hand washer from the "C" building cafeteria, and a worn out bearing in the Tolhurst extractor at the laundry; also made up a motor stand and a reduction gear unit drive for the exhauster in the new cannery. Replaced a defective ball bearing assembly in the trunnion on a 42" x 54" washer in the laundry, and made up and installed tin and sheet metal racks in the shop building. Replaced worn parts in the Nash vacuum return pumps in the Nurses' Home and the South Infirmary. Put in a concrete foundation for a car puller at the railroad siding.

All elevators and dumb waiters were inspected by the Payne Elevator Company and all were found to be in first class condition.

Repairs and Additions to Fire Protection Equipment

Replaced linen fire hose as follows: — N.I.1., 35 ft. of 1½″ hose; N.I.2., 85 ft. of 1½″ hose; N.I.3., 85 ft. of 1½″ hose; N. I. basement, 90 ft. of 2″ hose; N.I. basement, replaced a wood hose rack with a metal rack; 1st floor, rear center, 75 ft. of 1½″ hose; 2nd floor, rear center, 75 ft. of 1½″ hose; 3rd floor, rear center 75 ft. of 1½″ hose; also replaced a wood rack with a metal rack; Men's dormitory basement, 65 ft. of 2″ hose, also replaced a wood rack with a metal rack; Men's dormitory, 1st floor, 65 ft. of 1½″ hose; Men's dormitory, 2nd floor, 65 ft. of 1½″ hose; married couples' dormitory, 2nd floor, 75 ft. of 2″ hose, also replaced a 2″ nozzle and a wood rack with a metal rack; L.2.N., 100 feet of 2½″ hose and S.I.1., 50 ft. of 1½″ hose.

Relocated a hydrant near the store house, and installed a 6″ shutoff valve and replaced a broken hydrant post on hydrant near the paint storehouse. Installed a shut off valve and replaced a broken post on the hydrant at the North side of the North Infirmary. Repaired and relocated a hydrant at the South side of the new kitchen; and installed two 12″ check valves and two 12″ gate valves in the water line from Bay State for emergency fire protection. Recharged all fire extinguishers.

ACKNOWLEDGMENTS

During the year we received many contributions of fruit, candy, magazines and games for the benefit of the patients from relatives, former patients or other individuals interested in their welfare. We also received sums of money which were deposited in our Patients' Fund and were used for their entertainment or recreation, and I wish to express my appreciation, as well as that of the individual patients, to all those who have contributed.

I take this opportunity to again extend my thanks to the Board of Trustees for their many helpful suggestions and deep interest in the welfare of the institution. To the employees of the Northampton State Hospital I wish to express deep appreciation for their continued loyalty and enthusiasm.

Respectfully submitted,

ARTHUR N. BALL, M.D.

Superintendent.

VALUATION

November 30, 1937

REAL ESTATE

Land, 610.7 acres	$175,565.00
Buildings and Betterments	2,854,862.94
	$3,030,427.94

PERSONAL PROPERTY

Travel, transportation and office expenses	$2,553.55
Food	13,098.26
Clothing and materials	24,835.57
Furnishings and household supplies	144,067.70
Medical and general care	6,415.29
Heat and other plant operation	5,153.82
Farm	63,235.41
Garage and grounds	5,474.34
Repairs	16,294.61
	$281,128.55

SUMMARY

Real estate	$3,030,427.94
Personal property	281,128.55
	$3,311,556.49

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1937.

STATEMENT OF EARNINGS

Board of Patients		$90,780.88
Personal Services:		216.54
Sales:		
Food	$225.24	
Clothing and materials	244.97	
Furnishings and household supplies	15.00	
Medical and general care	79.50	
Garage and grounds	12.00	

Repairs ordinary	11.08	
Farm (calves, $237.39; hides, $67.96; miscel., $209.45)	514.80	
Total sales		$1,102.59
Miscellaneous:		
Interest on bank balances	$124.63	
Rents	2,243.85	
Commission on telephone pay stations	55.40	
Furnishing report to U. S. Health Service	11.00	
Total Miscellaneous		2,434.88
Total earnings for the year		$94,534.89
Total cash receipts reverting and transferred to the State Treasurer		$94,511.18
Accounts receivable outstanding December 1, 1936	$44.91	
Accounts receivable outstanding November 30, 1937	68.62	
Accounts receivable increased		$23.71

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward		$19,393.59
Appropriation, current year		737,620.00
Total		$757,013.59
Expenditures as follows:		
Personal services	$395,974.74	
Food	140,632.49	
Medical and general care	16,218.81	
Religious instruction	1,410.00	
Farm	28,474.14	
Heat and other plant operation	69,865.57	
Travel, transportation and office expenses	5,357.95	
Garage and grounds	3,933.98	
Clothing and materials	14,137.95	
Furnishings and household supplies	28,436.38	
Repairs ordinary	12,787.64	
Repairs and renewals	19,964.42	
Total maintenance expenditures		$737,194.07
Balances of maintenance appropriation, November 30, 1937		19,819.52
		$757,013.59

SPECIAL APPROPRIATIONS

Balance December 1, 1936, brought forward		$305,606.94
Appropriations for current year		202,077.00
Total		$507,683.94
Expended during year	$313,524.43	
Decrease in Appropriation	44,781.31	
Reverting to Treasury of Commonwealth	481.60	
		358,787.34
(Star balances below that are reverting)		
Balance November 30, 1937, carried to next year		$148,896.60

	Act or Resolve Ch. — Yr.	Total Amount Appropriated	Expended during fiscal year	Total Expended to date	Balance at end of year
Additional land	170–1932	$75,000.00	$3,797.15	$57,454.13	$17,545.87
Passenger elevator	245–1935	12,000.00	4,632.03	11,884.10	115.90*
Installation of sprinklers	245–1935	4,000.00	–	3,733.81	266.19*
Remodeling Rhodes' Cottage	249–1935	3,000.00	–	2,900.49	99.51*
Food elevators	234–1937	23,500.00	15,175.62	15,175.62	8,324.38
Additional sprinklers	234–1937	10,000.00	–	–	10,000.00
Fire protection	234–1937	40,000.00	–	–	40,000.00
Traffic light	234–1937	2,500.00	24.41	24.41	2,475.59
Ward building M-15—1086		206,829.13	87.17	206,829.13	–
Dining and service bldg. M-16 1142		110,296.96	886.69	110,296.96	–
Laundry building M-53—5565		106,196.38	818.31	106,146.79	49.59
Storage building M-45—8191		89,056.21	2,525.32	89,056.21	–
Kitchen and Dining room M-108—1149R		386,077.00	285,577.73	315,575.83	70,501.17
Totals		$1,068,455.68	$313,524.43	$919,077.48	$149,378.20

PER CAPITA

During the year the average number of patients has been, 1,917.98.
Total cost of maintenance, $737,194.07.
Equal to a weekly per capita cost of (52 weeks to year), $7.3915.
Total receipts for the year, $94,500.18.
Equal to a weekly per capita of $.9475.
Total net cost of maintenance for year, $642,693.89.
Net weekly per capita, $6.444.

Respectfully submitted,
EVA L. GRAVES,
Treasurer.

Financial Statement Verified.
Approved.

GEO. E. MURPHY,
Comptroller.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION, PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

(Data correct at end of institution year November 30, 1937)

Date of *opening* as a hospital for mental diseases, August 16, 1858.
Type of hospital: State.
Hospital plant:
Value of hospital property:

Real estate, including buildings	$3,030,427.94
Personal property	281,128.55
Total	$3,311,556.49

Total acreage of hospital property owned, 610.7.
Total acreage under cultivation during previous year, 241.
Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	–	1	–	–	–
Assistant physicians	6	2	8	1	1	2
Total physicians	7	2	9	1	1	2
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	4	37	41	–	–	–
Other nurses and attendants	116	124	240	–	–	–
Occupational therapists	2	3	5	–	–	–
Social workers	–	3	3	–	–	–
All other officers and employees	91	57	148	1	–	1
Total officers and employees	223	226	449	2	1	3

Classification by Diagnosis September 30, 1937

Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
WHITE:	M.	F.	T.	M.	F.	T.
Insane	883	1,031	1,914	153	173	326
Mental defectives	7	3	10	3	1	4
Alcoholics	2	–	2	1	–	1
All other cases	3	1	4	4	3	7
Total	895	1,035	1,930	161	177	338
OTHER RACES:						
Insane	5	12	17	6	2	8
Total	5	12	17	6	2	8
Grand Total	900	1,047	1,947	167	179	346

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	10	221	231
Other patients employed in general work of hospital on date of report	398	484	882
Average daily number of all patients actually in hospital during year	873.64	1,029.82	1,903.46
Voluntary patients admitted during year	5	4	9
Persons given advice or treatment in out-patient clinics during year	94	201	295

TABLE 2. *Movement of Patient Population for the Year Ended September 30, 1937*

(Data in all of the following tables are based on the Statistical Year, October 1, 1936 to September 30, 1937)

	Total			Regular Court Commitment (Insane)			Observation			Temporary Care			Voluntary		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1936	1,028	1,201	2,229	1,024	1,200	2,224	1	1	2	–	–	–	3	–	3
Admissions during year:															
First admissions	282	225	507	217	201	418	44	11	55	19	11	30	2	2	4
Readmissions	72	82	154	60	76	136	5	2	7	4	2	6	3	2	5
Total admissions	354	307	661	277	277	554	49	13	62	23	13	36	5	4	9
Transfers from other mental hospitals	2	5	7	2	5	7	–	–	–	–	–	–	–	–	–
Total received during year	356	312	668	279	282	561	49	13	62	23	13	36	5	4	9
Total on books during year	1,384	1,513	2,897	1,303	1,482	2,785	50	14	64	23	13	36	8	4	12
Discharged from books during year:															
As recovered	56	10	66	31	3	34	18	2	20	4	2	6	3	3	6
As improved	93	141	234	82	131	213	5	4	9	4	6	10	2	–	2
As unimproved	36	17	53	33	13	46	–	–	–	2	4	6	1	–	1
As without psychosis	32	6	38	2	2	4	20	3	23	9	1	10	1	–	1
Total discharged to community	217	174	391	148	149	297	43	9	52	19	13	32	7	3	10
Transferred to other mental hospitals	8	10	18	8	10	18	–	–	–	–	–	–	–	–	–
Died during year	92	103	195	87	98	185	2	5	7	3	–	3	–	–	–
Total discharged, transferred and died during year	317	287	604	243	257	500	45	14	59	22	13	35	7	3	10
Patients remaining on books of hospital at end of year:															
In hospital	900	1,047	1,947	893	1,046	1,939	5	–	5	1	–	1	1	1	2
On parole or otherwise absent	167	179	346	167	179	346	–	–	–	–	–	–	–	–	–
Total	1,067	1,226	2,293	1,060	1,225	2,285	5	–	5	1	–	1	1	1	2

SUPPLEMENTARY DATA

	M.	F.	T.
Average daily number of patients on books during year	1,035.40	1,216.79	2,252.19
Actually in institution during year	873.64	1,029.82	1,903.46
In family care	3.44	13.32	16.76
On visit	145.58	173.64	319.22
On escape	12.48	–	12.48
Number of patients actually remaining in institution September 30, 1937:			
State	817	858	1,675
Reimbursing	83	189	272
Number of patients in family care September 30, 1937	7	12	19
State	5	8	13
Private	2	4	6
Number of non-insane patients in hospital at end of institution year:			
Mentally defective	7	3	10
Others	5	1	6

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States[1]	191	156	347	107	118	89	85	84	71
Austria	2	–	2	3	4	3	–	1	–
Belgium	–	–	–	–	–	–	1	–	–
Canada[2]	21	16	37	43	36	29	29	29	23
Denmark	1	–	1	2	1	1	–	1	–
England	2	5	7	10	5	3	10	9	7
Finland	–	–	–	1	1	1	1	1	1
France	2	–	2	3	2	2	1	2	–
Germany	3	4	7	10	6	6	7	6	5
Greece	2	–	2	2	2	2	1	1	1
India	1	–	1	–	–	–	–	–	–
Ireland	7	20	27	32	31	23	41	41	36
Italy	17	5	22	21	21	21	10	10	10
Poland	19	14	33	26	25	25	24	22	22
Portugal	–	–	–	–	–	–	–	1	–
Russia	1	1	2	3	3	2	3	2	2
Scotland	5	2	7	4	6	4	2	2	2
Sweden	2	1	3	4	5	4	1	1	1
Switzerland	–	1	1	–	–	–	1	2	1
Turkey in Europe	1	–	1	1	1	1	–	–	–
West Indies[3]	–	–	–	1	–	–	–	–	–
Other Countries	5	–	5	5	5	5	–	–	–
Unknown	–	–	–	4	10	2	8	10	7
Total	282	225	507	282	282	223	225	225	189

[1](Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U. S.)
[2]Includes Newfoundland.
[3]Except Cuba, Porto Rico and Virgin Islands.

TABLE 4. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born*

Age at Admission	Aggregate			NATIVE BORN															FOREIGN BORN														
				Total			Parentage												Total			Time in United States before Admission											
							Foreign			Mixed			Native			Unknown						5–9 years			10–14 years			15 years and over			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0–14 years	–	1	1	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	6	9	15	5	9	14	–	4	4	2	2	4	3	2	5	–	1	1	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
20–24 years	16	14	30	16	14	30	6	9	15	4	2	6	6	3	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
25–29 years	15	19	34	12	19	31	5	7	12	1	4	5	4	8	12	2	–	2	3	–	3	1	–	1	–	–	–	2	–	2	–	–	–
30–34 years	23	13	36	20	12	32	9	6	15	2	1	3	9	5	14	–	–	–	3	1	4	–	–	–	2	1	3	1	–	1	–	–	–
35–39 years	35	15	50	28	11	39	8	3	11	6	1	7	14	6	20	–	1	1	7	4	11	–	–	–	–	–	–	7	4	11	–	–	–
40–44 years	30	24	54	22	13	35	8	2	10	3	3	6	9	8	17	2	–	2	8	11	19	–	–	–	–	1	1	8	9	17	–	1	1
45–49 years	43	19	62	24	13	37	9	2	11	3	2	5	12	5	17	–	4	4	19	6	25	–	–	–	–	–	–	19	6	25	–	–	–
50–54 years	26	17	43	18	9	27	3	2	5	4	1	5	10	6	16	1	–	1	8	8	16	–	–	–	–	–	–	8	8	16	–	–	–
55–59 years	18	15	33	9	6	15	2	3	5	2	1	3	5	2	7	–	–	–	9	9	18	–	–	–	–	–	–	9	9	18	–	–	–
60–64 years	13	18	31	8	14	22	1	3	4	2	3	5	3	8	11	2	–	2	5	4	9	–	–	–	–	–	–	5	4	9	–	–	–
65–69 years	14	17	31	7	10	17	2	5	7	3	1	4	1	4	5	1	–	1	7	7	14	–	1	1	–	–	–	5	6	11	2	–	2
70–74 years	22	16	38	12	6	18	2	2	4	2	2	4	6	1	7	2	1	3	10	10	20	–	–	–	–	–	–	6	10	16	4	–	4
75–79 years	7	12	19	4	10	14	–	2	2	1	1	2	2	6	8	1	1	2	3	2	5	–	–	–	–	–	–	2	2	4	1	–	1
80–84 years	6	10	16	3	5	8	–	2	2	–	–	–	3	2	5	–	1	1	3	5	8	–	–	–	–	–	–	3	5	8	–	–	–
85 years and over	8	6	14	3	4	7	–	–	–	2	–	2	1	3	4	–	1	1	5	2	7	–	–	–	–	–	–	5	2	7	–	–	–
Total	282	225	507	191	156	347	55	52	107	37	24	61	88	70	158	11	10	21	91	69	160	1	1	2	3	2	5	80	65	145	7	1	8

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	191	156	347
Citizens by naturalization	39	26	65
Aliens	28	26	54
Citizenship unknown	24	17	41
Total	282	225	507

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

Race	Total			With syphilitic meningo-encephalitis			With other forms of syphilis			With epidemic encepha-litis			With other infectious diseases			Alcoholic psychoses			Due to drugs, etc.			Traumatic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses			Involutional psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	5	3	8	–	1	1	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–
Armenian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chinese	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	54	24	78	2	1	3	1	–	1	1	–	1	1	–	1	5	–	5	–	–	–	–	1	1	9	2	11	2	–	2	–	–	–	3	11	14	1	1	2
Finnish	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	44	25	69	4	–	4	–	1	1	–	–	–	–	–	–	5	–	5	–	–	–	–	–	–	8	5	13	–	1	1	–	–	–	3	2	5	1	2	3
German	10	8	18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	2	4	–	1	1	–	–	–	1	3	4	1	–	1
Greek	2	1	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	4	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–
Irish	46	46	92	1	1	2	–	–	–	–	–	–	–	–	–	14	2	16	–	–	–	–	–	–	3	5	8	–	–	–	1	1	2	7	10	17	2	4	6
Italian[1]	21	10	31	4	–	4	1	–	1	1	–	1	–	–	–	3	–	3	–	–	–	–	–	–	2	–	2	–	–	–	–	1	1	2	1	3	1	3	4
Lithuanian	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Scandinavian[2]	6	1	7	–	–	–	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Scotch	5	3	8	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	1	1	2	1	–	1
Slavonic[3]	33	24	57	1	–	1	1	1	2	1	–	1	–	–	–	10	–	10	–	–	–	–	–	–	5	–	5	–	–	–	1	–	1	–	1	1	–	3	3
Mixed	41	70	111	2	–	2	2	1	3	–	–	–	1	1	2	7	–	7	–	1	1	1	–	1	5	6	11	1	–	1	1	3	4	3	14	17	1	2	3
Race unknown	9	5	14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	1	5	–	1	1	–	–	–	2	1	3	–	–	–
Total	282	225	507	15	3	18	5	4	9	3	–	3	2	1	3	52	2	54	–	1	1	1	2	3	40	23	63	3	3	6	4	5	9	23	47	70	8	15	23

[1]Includes "North" and "South".
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

RACE	Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses			Dementia praecox			Paranoia and paranoid conditions			With psycho-pathic per-sonality			With mental deficiency			Undiag-nosed psychoses			Without psychoses			Primary behavior disorders		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Chinese	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	–	–	–	1	–	1	–	–	–	5	1	6	6	–	6	5	3	8	1	1	2	–	1	1	3	–	3	–	1	1	7	–	7	1	1	2
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
French	–	1	1	–	–	–	–	–	–	2	5	7	1	1	2	8	4	12	1	1	2	–	–	–	2	2	4	–	–	–	9	–	9	–	–	–
German	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	2	1	3	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Greek	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Irish	–	2	2	–	–	–	1	–	1	1	5	6	4	7	11	6	7	13	1	1	2	–	–	–	1	–	1	–	1	1	3	–	3	1	–	1
Italian[1]	–	–	–	–	–	–	1	–	1	2	–	2	–	4	4	2	1	3	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Slavonic[3]	–	–	–	–	–	–	–	1	1	–	2	2	3	–	3	4	13	17	3	1	4	–	–	–	–	2	2	–	–	–	4	–	4	–	–	–
Mixed	–	2	2	1	–	1	–	–	–	–	8	8	2	9	11	7	13	20	2	2	4	1	1	2	2	4	6	–	2	2	2	1	3	–	–	–
Race unknown	–	–	–	–	–	–	–	–	–	1	1	2	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Total	–	5	5	2	–	2	2	1	3	11	23	34	21	21	42	38	43	81	8	6	14	3	2	5	8	11	19	1	4	5	30	2	32	2	1	3

[1]Includes "North" and "South".
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			0–14 years			15–19 years			20–24 years			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	3	18	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	3	–	3	1	–	1	5	3	8
With other forms of syphilis	5	4	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	1	1	2	1	–	1
With epidemic encephalitis	3	–	3	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	2	1	3	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
Alcoholic psychoses	52	2	54	–	–	–	–	–	–	1	–	1	1	–	1	6	1	7	6	–	6	7	–	7	15	–	15
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	1	2	3	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–	–	1	1
With cerebral arteriosclerosis	40	23	63	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	3
With other disturbances of circulation	3	3	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	1	1	2
With convulsive disorders (epilepsy)	4	5	9	–	–	–	–	1	1	–	–	–	–	2	2	–	1	1	3	1	4	–	–	–	1	–	1
Senile psychoses	23	47	70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	8	15	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	2	3	5
Due to other metabolic diseases, etc.	–	5	5	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1
Due to new growth	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	1	–	1
Psychoneuroses	11	23	34	–	–	–	–	1	1	–	3	3	–	–	–	1	2	3	2	3	5	4	6	10	–	1	1
Manic-depressive psychoses	21	21	42	–	–	–	1	2	3	2	3	5	1	3	4	1	–	1	4	2	6	4	5	9	2	1	3
Dementia praecox	38	43	81	–	–	–	3	4	7	7	3	10	6	10	16	7	6	13	6	4	10	2	4	6	4	4	8
Paranoia and paranoid conditions	8	6	14	–	–	–	–	–	–	–	–	–	1	–	1	–	2	2	2	1	3	1	1	2	2	1	3
With psychopathic personality	3	2	5	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	1	–	1	–	1	1	1	–	1
With mental deficiency	8	11	19	–	–	–	–	1	1	2	4	6	–	1	1	–	–	–	1	2	3	2	3	5	2	–	2
Undiagnosed psychoses	1	4	5	–	1	1	–	–	–	–	–	–	–	1	1	1	–	1	–	1	1	–	–	–	–	–	–
Without psychoses	30	2	32	–	–	–	1	–	1	3	1	4	2	–	2	5	–	5	5	–	5	4	–	4	3	1	4
Primary behavior disorders	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Total	282	225	507	–	1	1	6	9	15	16	14	30	15	19	34	23	13	36	35	15	50	30	24	54	43	19	62

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

Psychoses	50–54 years			55–59 years			60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	–	2	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
With other forms of syphilis	1	–	1	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	5	–	5	7	–	7	–	1	1	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–
Due to drugs, etc.	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	2	–	2	2	3	5	7	5	12	8	7	15	10	5	15	4	1	5	2	1	3	3	–	3
With other disturbances of circulation	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	–	–	–	–	1	1	2	3	5	2	7	9	7	10	17	3	11	14	4	9	13	5	6	11
Involutional psychoses	2	7	9	1	3	4	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	2	3	5	2	2	4	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	3	–	3	2	1	3	1	3	4	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox	3	4	7	–	3	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Paranoia and paranoid conditions	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Undiagnosed psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	2	–	2	1	–	1	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Primary behavior disorders	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	26	17	43	18	15	33	13	18	31	14	17	31	22	16	38	7	12	19	6	10	16	8	6	14

TABLE 8. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illiterate			Reads Only			Reads and Writes			Common School			High School			College			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	3	18	1	–	1	1	1	2	1	–	1	6	1	7	3	–	3	1	–	1	2	1	3
With other forms of syphilis	5	4	9	1	–	1	1	–	1	–	–	–	2	3	5	1	–	1	–	–	–	–	1	1
With epidemic encephalitis	3	–	3	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–
With other infectious diseases	2	1	3	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	1	1
Alcoholic psychoses	52	2	54	3	–	3	4	–	4	6	–	6	32	1	33	5	1	6	1	–	1	1	–	1
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Traumatic psychoses	1	2	3	–	–	–	–	–	–	–	–	–	1	–	1	–	2	2	–	–	–	–	–	–
With cerebral arteriosclerosis	40	23	63	5	3	8	1	–	1	4	4	8	16	12	28	2	2	4	2	1	3	10	1	11
With other disturbances of circulation	3	3	6	–	–	–	–	–	–	–	1	1	2	2	4	1	–	1	–	–	–	–	–	–
With convulsive disorders (epilepsy)	4	5	9	1	1	2	–	–	–	–	–	–	1	4	5	2	–	2	–	–	–	–	–	–
Senile psychoses	23	47	70	4	4	8	1	1	2	1	4	5	11	19	30	–	6	6	–	3	3	6	10	16
Involutional psychoses	8	15	23	1	2	3	1	1	2	–	2	2	3	5	8	3	3	6	–	1	1	–	1	1
Due to other metabolic diseases, etc.	–	5	5	–	–	–	–	–	–	–	–	–	–	4	4	–	1	1	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1
With organic changes of nervous system	2	1	3	–	–	–	–	–	–	–	1	1	2	–	2	–	–	–	–	–	–	–	–	–
Psychoneuroses	11	23	34	–	–	–	–	1	1	–	2	2	9	11	20	1	8	9	1	1	2	–	–	–
Manic-depressive psychoses	21	21	42	–	–	–	1	–	1	4	2	6	6	11	17	9	7	16	1	–	1	–	1	1
Dementia praecox	38	43	81	–	–	–	–	–	–	5	8	13	21	17	38	10	14	24	1	1	2	1	3	4
Paranoia and paranoid conditions	8	6	14	–	–	–	–	–	–	2	1	3	2	3	5	2	2	4	1	–	1	1	–	1
With psychopathic personality	3	2	5	–	–	–	–	–	–	1	–	1	2	1	3	–	–	–	–	1	1	–	–	–
With mental deficiency	8	11	19	1	–	1	–	3	3	4	1	5	2	5	7	1	–	1	–	–	–	–	2	2
Undiagnosed psychoses	1	4	5	–	–	–	–	–	–	–	–	–	1	4	5	–	–	–	–	–	–	–	–	–
Without psychoses	30	2	32	1	1	2	–	–	–	3	–	3	18	–	18	5	1	6	1	–	1	2	–	2
Primary behavior disorders	2	1	3	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	1	1	–	–	–
Total	282	225	507	18	11	29	10	7	17	31	26	57	143	104	247	47	47	94	9	9	18	24	21	45

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			0–2,499			2,500–9,999			10,000–24,999			25,000–49,999			50,000–99,999			100,000–249,999			500,000+			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	3	18	–	–	–	–	–	–	2	–	2	2	–	2	1	–	1	10	3	13	–	–	–	–	–	–
With other forms of syphilis	5	4	9	–	–	–	2	–	2	–	1	1	1	1	2	–	1	1	2	1	3	–	–	–	–	–	–
With epidemic encephalitis	3	–	3	1	–	1	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
With other infectious diseases	2	1	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Alcoholic psychoses	52	2	54	2	–	2	6	–	6	13	–	13	10	–	10	4	–	4	16	2	18	1	–	1	–	–	–
Due to drugs, etc.	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	1	2	3	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	40	23	63	5	–	5	9	1	10	6	10	16	4	2	6	5	5	10	11	5	16	–	–	–	–	–	–
With other disturbances of circulation	3	3	6	–	–	–	–	1	1	1	1	2	–	–	–	–	–	–	2	1	3	–	–	–	–	–	–
With convulsive disorders (epilepsy)	4	5	9	1	–	1	–	–	–	–	1	1	–	2	2	–	–	–	3	2	5	–	–	–	–	–	–
Senile psychoses	23	47	70	4	2	6	1	9	10	5	12	17	5	5	10	4	5	9	4	14	18	–	–	–	–	–	–
Involutional psychoses	8	15	23	–	1	1	–	3	3	2	4	6	3	2	5	–	1	1	3	4	7	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	5	5	–	–	–	–	3	3	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–
Psychoneuroses	11	23	34	1	1	2	1	5	6	3	4	7	1	4	5	–	1	1	5	8	13	–	–	–	–	–	–
Manic-depressive psychoses	21	21	42	3	2	5	3	3	6	4	7	11	4	2	6	–	–	–	6	7	13	–	–	–	1	–	1
Dementia praecox	38	43	81	3	4	7	8	7	15	9	10	19	5	6	11	4	5	9	7	11	18	–	–	–	2	–	2
Paranoia and paranoid conditions	8	6	14	2	1	3	3	2	5	–	2	2	1	–	1	2	–	2	–	1	1	–	–	–	–	–	–
With psychopathic personality	3	2	5	–	2	2	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1
With mental deficiency	8	11	19	–	1	1	2	3	5	2	1	3	1	5	6	2	–	2	1	1	2	–	–	–	–	–	–
Undiagnosed psychoses	1	4	5	–	–	–	1	–	1	–	2	2	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
Without psychoses	30	2	32	6	–	6	2	1	3	11	–	11	3	1	4	2	–	2	4	–	4	–	–	–	2	–	2
Primary behavior disorders	2	1	3	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–
Total	282	225	507	28	14	42	38	39	77	61	58	119	42	31	73	27	20	47	79	63	142	1	–	1	6	–	6

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	3	18	6	2	8	8	1	9	–	–	–	1	–	1
With other forms of syphilis	5	4	9	2	1	3	–	1	1	–	2	2	3	–	3
With epidemic encephalitis	3	–	3	1	–	1	1	–	1	1	–	1	–	–	–
With other infectious diseases	2	1	3	–	1	1	1	–	1	–	–	–	1	–	1
Alcoholic psychoses	52	2	54	8	–	8	27	1	28	4	1	5	13	–	13
Due to drugs, etc.	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–
Traumatic psychoses	1	2	3	1	1	2	–	–	–	–	–	–	–	1	1
With cerebral arteriosclerosis	40	23	63	10	9	19	19	9	28	3	3	6	8	2	10
With other disturbances of circulation	3	3	6	–	–	–	2	2	4	1	–	1	–	1	1
With convulsive disorders (epilepsy)	4	5	9	1	5	6	3	–	3	–	–	–	–	–	–
Senile psychoses	23	47	70	6	23	29	11	16	27	4	2	6	2	6	8
Involutional psychoses	8	15	23	1	2	3	7	12	19	–	–	–	–	1	1
Due to other metabolic diseases, etc.	–	5	5	–	3	3	–	2	2	–	–	–	–	–	–
Due to new growth	2	–	2	1	–	1	–	–	–	–	–	–	1	–	1
With organic changes of nervous system	2	1	3	2	–	2	–	1	1	–	–	–	–	–	–
Psychoneuroses	11	23	34	–	7	7	7	13	20	2	2	4	2	1	3
Manic-depressive psychoses	21	21	42	2	8	10	16	7	23	1	2	3	2	4	6
Dementia praecox	38	43	81	7	18	25	22	18	40	2	3	5	7	4	11
Paranoia and paranoid conditions	8	6	14	–	2	2	4	4	8	–	–	–	4	–	4
With psychopathic personality	3	2	5	–	–	–	2	1	3	–	1	1	1	–	1
With mental deficiency	8	11	19	2	7	9	4	2	6	–	–	–	2	2	4
Undiagnosed psychoses	1	4	5	–	3	3	1	1	2	–	–	–	–	–	–
Without psychoses	30	2	32	11	2	13	13	–	13	1	–	1	5	–	5
Primary behavior disorders	2	1	3	–	1	1	2	–	2	–	–	–	–	–	–
Total	282	225	507	61	95	156	150	92	242	19	16	35	52	22	74

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	3	18	4	–	4	10	2	12	1	1	2	–	–	–
With other forms of syphilis	5	4	9	1	4	5	4	–	4	–	–	–	–	–	–
With epidemic encephalitis	3	–	3	2	–	2	1	–	1	–	–	–	–	–	–
With other infectious diseases	2	1	3	2	1	3	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	52	2	54	–	–	–	–	–	–	52	2	54	–	–	–
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
Traumatic psychoses	1	2	3	–	1	1	–	–	–	–	1	1	1	–	1
With cerebral arteriosclerosis	40	23	63	4	16	20	23	5	28	7	–	7	6	2	8
With other disturbances of circulation	3	3	6	2	2	4	1	1	2	–	–	–	–	–	–
With convulsive disorders (epilepsy)	4	5	9	–	3	3	3	1	4	1	1	2	–	–	–
Senile psychoses	23	47	70	8	35	43	8	10	18	5	1	6	2	1	3
Involutional psychoses	8	15	23	2	11	13	3	4	7	1	–	1	2	–	2
Due to other metabolic diseases, etc.	–	5	5	–	3	3	–	1	1	–	1	1	–	–	–
Due to new growth	2	–	2	1	–	1	–	–	–	–	–	–	1	–	1
With organic changes of nervous system	2	1	3	–	–	–	2	1	3	–	–	–	–	–	–
Psychoneuroses	11	23	34	3	17	20	3	6	9	4	–	4	1	–	1
Manic-depressive psychoses	21	21	42	1	11	12	13	10	23	5	–	5	2	–	2
Dementia praecox	38	43	81	11	19	30	19	22	41	7	1	8	1	1	2
Paranoia and paranoid conditions	8	6	14	1	3	4	5	3	8	1	–	1	1	–	1
With psychopathic personality	3	2	5	–	–	–	2	1	3	1	1	2	–	–	–
With mental deficiency	8	11	19	2	10	12	3	1	4	2	–	2	1	–	1
Undiagnosed psychoses	1	4	5	–	2	2	1	1	2	–	–	–	–	1	1
Without psychoses	30	2	32	3	1	4	8	–	8	17	1	18	2	–	2
Primary behavior disorders	2	1	3	1	1	2	–	–	–	1	–	1	–	–	–
Total	282	225	507	48	140	188	109	69	178	105	11	116	20	5	25

TABLE 12. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Divorced			Separated		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	15	3	18	3	–	3	9	2	11	3	–	3	–	1	1	–	–	–
With other forms of syphilis	5	4	9	1	1	2	4	2	6	–	1	1	–	–	–	–	–	–
With epidemic encephalitis	3	–	3	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–
With other infectious diseases	2	1	3	2	–	2	–	1	1	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	52	2	54	18	1	19	22	1	23	9	–	9	2	–	2	1	–	1
Due to drugs, etc.	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Traumatic psychoses	1	2	3	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	40	23	63	3	3	6	24	12	36	11	7	18	1	1	2	1	–	1
With other disturbances of circulation	3	3	6	–	–	–	1	2	3	1	1	2	1	–	1	–	–	–
With convulsive disorders (epilepsy)	4	5	9	2	4	6	2	1	3	–	–	–	–	–	–	–	–	–
Senile psychoses	23	47	70	4	11	15	7	13	20	12	23	35	–	–	–	–	–	–
Involutional psychoses	8	15	23	2	3	5	5	10	15	1	2	3	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	5	5	–	–	–	–	3	3	–	2	2	–	–	–	–	–	–
Due to new growth	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	2	1	3	1	–	1	1	1	2	–	–	–	–	–	–	–	–	–
Psychoneuroses	11	23	34	2	5	7	6	12	18	2	3	5	–	1	1	1	2	3
Manic-depressive psychoses	21	21	42	6	7	13	13	13	26	1	–	1	1	–	1	–	1	1
Dementia praecox	38	43	81	25	18	43	10	18	28	–	4	4	2	3	5	1	–	1
Paranoia and paranoid conditions	8	6	14	2	–	2	6	6	12	–	–	–	–	–	–	–	–	–
With psychopathic personality	3	2	5	–	–	–	1	1	2	1	1	2	1	–	1	–	–	–
With mental deficiency	8	11	19	5	7	12	1	3	4	–	1	1	1	–	1	1	–	1
Undiagnosed psychoses	1	4	5	–	3	3	1	1	2	–	–	–	–	–	–	–	–	–
Without psychoses	30	2	32	14	2	16	9	–	9	4	–	4	2	–	2	1	–	1
Primary behavior disorders	2	1	3	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–
Total	282	225	507	94	67	161	126	104	230	45	45	90	11	6	17	6	3	9

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1937, All Cases in Residence and All Cases Out on September 30, 1937, by Status of Admission and Sex*

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit etc.					
	First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to or Associated with Infection:																														
Syphilis of the Central Nervous System:																														
Meningo-encephalitic type (general paresis)	15	3	18	2	2	4	2	3	5	–	–	–	9	5	14	–	–	–	53	14	67	9	3	12	7	2	9	1	–	1
Meningo-vascular type (cerebral syphilis)	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Other types	3	4	7	–	–	–	1	–	1	–	–	–	–	3	3	–	–	–	3	1	4	–	–	–	2	1	3	–	–	–
With epidemic encephalitis	3	–	3	–	–	–	1	–	1	–	–	–	2	–	2	–	–	–	4	5	9	2	1	3	–	–	–	1	–	1
With other infectious disease	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–
Post-infectious psychoses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Intoxication:																														
Due to Alcohol:																														
Pathological intoxication	1	–	1	2	1	3	2	1	3	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1
Delirium tremens	15	1	16	1	–	1	8	–	8	–	–	–	4	–	4	–	–	–	3	–	3	–	–	–	4	3	7	1	–	1
Korsakow's psychosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	8	–	8	–	–	–	3	–	3	–	–	–
Acute hallucinosis	17	1	18	2	2	4	17	4	21	6	1	7	–	–	–	–	–	–	15	1	16	–	–	–	10	–	10	4	1	5
Other types	18	–	18	2	–	2	8	1	9	1	–	1	2	1	3	1	–	1	56	7	63	15	4	19	9	–	9	1	1	2
Due to Drugs or Other Exogenous Poisons:																														
Due to opium and derivatives	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Due to other drugs	–	1	1	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Psychoses Due to Trauma:																														
Traumatic delirium	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
Post-traumatic personality disorders	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
Post-traumatic mental deterioration	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	1	5	–	–	–	–	–	–	–	–	–
Psychoses Due to Disturbances of Circulation:																														
With cerebral arteriosclerosis	40	23	63	6	3	9	13	9	22	–	1	1	35	24	59	3	3	6	62	59	121	10	3	13	7	4	11	1	3	4
With cerebral embolism	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	1	1	–	–	–	–	–	–
With cardio-renal disease	1	1	2	–	–	–	1	–	1	–	–	–	1	2	3	–	–	–	1	1	2	–	–	–	1	3	4	–	–	–
Other types	2	2	4	1	–	1	–	2	2	–	–	–	5	–	5	–	–	–	1	1	2	–	–	–	–	1	1	1	–	1
Psychoses Due to Convulsive Disorders (Epilepsy):																														
Epileptic deterioration	–	1	1	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	1	2	3	–	–	–	1	–	1
Epileptic clouded states	–	3	3	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	4	2	6	2	2	4	–	1	1	–	1	1
Other epileptic types	4	1	5	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	3	–	3	–	1	1	2	1	3	–	–	–

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1937, All Cases in Residence and All Cases Out on September 30, 1937, by Status of Admission and Sex* — Concluded

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit etc.					
	First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to Disturbances of Metabolism, Growth, Nutrition or Endocrine Function:																														
Senile Psychoses:																														
Simple deterioration	18	36	54	–	2	2	2	4	6	–	–	–	9	22	31	–	2	2	17	28	45	–	2	2	2	2	4	–	–	–
Presbyophrenic type	2	2	4	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	3	2	5	–	–	–	–	–	–	–	–	–
Delirious and confused types	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Depressed and agitated types	–	–	–	–	2	2	–	–	–	–	–	–	–	1	1	–	–	–	2	4	6	–	–	–	–	–	–	–	2	2
Paranoid types	3	9	12	–	–	–	1	2	3	–	–	–	1	3	4	–	–	–	17	26	43	2	–	2	1	2	3	–	1	1
Involutional psychoses:																														
Melancholia	8	8	16	–	4	4	13	2	15	–	1	1	2	3	5	–	2	2	29	26	55	11	9	20	4	5	9	1	1	2
Paranoid types	–	6	6	–	2	2	–	1	1	–	1	1	1	1	2	–	–	–	–	12	12	–	3	3	1	2	3	–	1	1
Other types	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–
With diseases of the endocrine glands	–	1	1	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	3	3	–	1	1	–	–	–	–	–	–
Exhaustion delirium	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	2	–	–	–
With pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
With other somatic diseases	–	4	4	–	1	1	–	2	2	–	–	–	–	1	1	–	1	1	2	6	8	–	1	1	–	2	2	–	–	–
Psychoses Due to New Growth:																														
With intracranial neoplasms	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
With other neoplasms	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Unknown or Hereditary Causes, but Associated with Organic Changes:																														
With multiple sclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With other brain or nervous diseases	2	1	3	–	1	1	2	–	2	–	–	–	–	–	–	–	–	–	2	1	3	–	1	1	1	1	2	–	–	–
Disorders of Psychogenic Origin or Without Clearly Defined Tangible Cause or Structural Change:																														
Psychoneuroses:																														
Anxiety hysteria	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Conversion hysteria:																														
Paralytic type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Mixed hysterical psychoneurosis	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychasthenia or compulsive states:																														
Obsession	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Compulsive tics and spasms	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–

Phobia	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed compulsive states	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Neurasthenia	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
Hypochondriasis	1	4	5	–	–	–	–	2	2	–	1	1	–	–	–	–	–	–	–	1	1	–	1	1	1	1	2	–	–	–
Reactive depression	7	5	12	3	–	3	4	8	12	1	1	2	–	–	–	–	–	–	3	1	4	1	1	2	2	2	4	1	–	1
Mixed psychoneurosis	2	11	13	2	1	3	–	5	5	1	–	1	–	–	–	–	–	–	1	4	5	1	2	3	2	3	5	–	2	2
Manic-depressive Psychoses:																														
Manic type	10	6	16	6	15	21	5	3	8	4	10	14	1	–	1	1	2	3	6	6	12	10	16	26	6	7	13	6	14	20
Depressive type	6	9	15	4	2	6	8	2	10	3	5	8	–	4	4	–	1	1	6	15	21	10	12	22	3	10	13	3	4	7
Circular type	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	3	6	9	4	9	13	–	1	1	–	2	2
Mixed type	3	2	5	3	1	4	3	1	4	–	2	2	–	–	–	–	1	1	2	4	6	4	4	8	–	1	1	–	3	3
Perplexed type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Stuporous type	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Other types	2	4	6	2	4	6	2	–	2	1	1	2	–	–	–	–	–	–	–	–	–	1	2	3	2	4	6	–	1	1
Dementia praecox (schizophrenia):																														
Simple type	–	2	2	–	–	–	–	6	6	–	–	–	–	–	–	–	–	–	2	13	15	2	6	8	–	1	1	–	–	–
Hebephrenic type	15	19	34	3	10	13	3	5	8	2	4	6	3	1	4	2	–	2	66	69	135	36	39	75	5	8	13	3	4	7
Catatonic type	7	7	14	9	8	17	12	15	27	3	7	10	4	3	7	1	3	4	140	151	291	52	68	120	16	13	29	6	7	13
Paranoid type	12	13	25	7	5	12	12	17	29	7	8	15	2	5	7	–	2	2	80	189	269	24	78	102	8	16	24	2	7	9
Other types	4	2	6	2	2	4	4	2	6	–	–	–	–	1	1	–	–	–	5	3	8	4	4	8	4	5	9	1	1	2
Paranoid conditions	8	6	14	3	–	3	2	3	5	1	–	1	–	–	–	–	–	–	4	2	6	1	1	2	5	4	9	1	–	1
With psychopathic personality	3	2	5	1	2	3	5	2	7	–	1	1	–	–	–	–	–	–	4	5	9	1	3	4	3	1	4	2	2	4
With mental deficiency:																														
Idiot	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	3	6	1	3	4	–	–	–	–	–	–
Imbecile	–	2	2	–	1	1	1	2	3	–	2	2	1	–	1	–	–	–	19	17	36	13	12	25	2	–	2	–	–	–
Moron	5	8	13	1	4	5	4	3	7	2	1	3	–	1	1	–	–	–	22	28	50	5	11	16	3	5	8	2	–	2
Unknown	3	–	3	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	2	3	5	–	1	1	1	–	1	–	–	–
Undiagnosed Psychoses:	1	4	5	–	–	–	2	3	5	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	3	4	–	–	–
Without Psychoses:																														
Alcoholism	14	–	14	1	1	2	12	–	12	1	1	2	–	–	–	–	–	–	2	–	2	–	–	–	1	–	1	–	–	–
Psychopathic personality:																														
With pathological sexuality	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With pathological emotionality	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With asocial or amoral trends	2	–	2	1	–	1	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Mixed types	6	1	7	4	–	4	4	2	6	5	–	5	–	–	–	–	–	–	1	–	1	1	–	1	1	–	1	1	–	1
Epilepsy	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mental deficiency:																														
Idiot	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Imbecile	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	2	5	1	–	1	1	1	2	–	–	–
Moron	1	–	1	1	–	1	2	–	2	–	–	–	–	–	–	–	–	–	–	1	1	2	–	2	1	–	1	1	–	1
Other non-psychotic diseases or conditions	5	–	5	–	1	1	4	–	4	–	2	2	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Primary Behavior Disorders:																														
Simple adult maladjustment	2	1	3	–	–	–	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Grand Total	282	225	507	72	82	154	176	123	299	41	51	92	82	85	167	10	18	28	672	734	1,406	228	313	541	125	120	245	42	59	101

NOTE: — Admissions and discharges do not include transfers.

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

Psychoses	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	3	5	–	–	–	2	3	5	–	–	–
With other forms of syphilis	1	–	1	1	–	1	–	–	–	–	–	–
With epidemic encephalitis	1	–	1	–	–	–	1	–	1	–	–	–
With other infectious diseases	1	1	2	1	1	2	–	–	–	–	–	–
Alcoholic psychoses	43	7	50	29	2	31	10	5	15	4	–	4
Due to drugs, etc.	2	1	3	2	–	2	–	1	1	–	–	–
Traumatic psychoses	1	–	1	–	–	–	1	–	1	–	–	–
With cerebral arteriosclerosis	13	10	23	–	–	–	7	9	16	6	1	7
With other disturbances of circulation	1	2	3	1	–	1	–	2	2	–	–	–
With convulsive disorders (epilepsy)	–	2	2	–	–	–	–	2	2	–	–	–
Senile psychoses	3	6	9	–	–	–	2	3	5	1	3	4
Involutional psychoses	14	5	19	1	–	1	12	5	17	1	–	1
Due to other metabolic diseases, etc.	1	4	5	–	1	1	1	3	4	–	–	–
Due to new growth	2	–	2	–	–	–	–	–	–	2	–	2
With organic changes of nervous system	2	–	2	–	–	–	2	–	2	–	–	–
Psychoneuroses	9	20	29	4	3	7	3	17	20	2	–	2
Manic-depressive psychoses	26	25	51	12	2	14	11	23	34	3	–	3
Dementia praecox	43	64	107	1	–	1	30	55	85	12	9	21
Paranoia and paranoid conditions	3	3	6	–	–	–	1	2	3	2	1	3
With psychopathic personality	5	3	8	3	–	3	2	3	5	–	–	–
With mental deficiency	8	8	16	–	–	–	6	6	12	2	2	4
Undiagnosed psychoses	2	3	5	1	–	1	–	2	2	1	1	2
Without psychoses	32	6	38	–	–	–	–	–	–	–	–	–
Primary behavior disorders	2	1	3	–	1	1	2	–	2	–	–	–
Total	217	174	391	56	10	66	93	141	234	36	17	53

TABLE 15. *Hospital Residence during This Admission of Court First Admissions Discharged during 1937*

Psychoses	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	3	5	.41	.37	.39
With other forms of syphilis	1	1	2	.04	.04	.04
With epidemic encephalitis	1	–	1	7.50	–	7.50
With other infectious diseases	1	–	1	.04	–	.04
Alcoholic psychoses	35	6	41	.81	.23	.72
Due to drugs, etc.	1	1	2	.12	.12	.12
Traumatic psychoses	1	–	1	2.50	–	2.50
With cerebral arteriosclerosis	13	9	22	.50	2.15	1.17
With other disturbances of circulation	1	2	3	.12	.20	.17
With convulsive disorders (epilepsy)	–	2	2	–	.04	.04
Senile psychoses	3	6	9	.37	.32	.34
Involutional psychoses	13	3	16	1.77	.28	1.49
Due to other metabolic diseases, etc.	1	4	5	.20	.42	.38
Due to new growth	2	–	2	.08	–	.08
With organic changes of nervous system	2	–	2	.77	–	.77
Psychoneuroses	7	18	25	.19	.22	.21
Manic-depressive psychoses	18	6	24	1.09	2.19	1.36
Dementia praecox	31	45	76	1.18	2.47	1.95
Paranoia and paranoid conditions	2	3	5	.24	.18	.20
With psychopathic personality	5	2	7	.08	.08	.08
With mental deficiency	6	5	11	.28	4.71	2.29
Undiagnosed psychoses	2	3	5	.20	.20	.20
Without psychoses	26	3	29	.07	.12	.07
Primary behavior disorders	2	1	3	.08	.04	.06
Total	176	123	299	.77	1.47	1.05

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders*

Causes of Death	Total			With syphilitic meningo-encephalitis			With other forms of syphilis			With epidemic encephalitis			Alcoholic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			Senile psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																								
Lethargic encephalitis (epidemic)	2	–	2	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Disseminated tuberculosis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis (non-nervous forms)	2	–	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Purulent infection, septicaemia (non-puerperal)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																								
Cancer and other malignant tumors	1	7	8	–	–	–	–	–	–	–	–	–	–	1	1	–	2	2	–	–	–	1	–	1
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																								
Diabetes	3	2	5	–	–	–	–	–	–	–	–	–	–	–	–	3	1	4	–	–	–	–	–	–
Other diseases	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic Poisonings and Intoxications:																								
Alcoholism (acute or chronic)	2	–	2	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																								
Meningitis	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	8	4	12	–	–	–	–	–	–	–	–	–	1	–	1	4	4	8	1	–	1	–	–	–
Cerebral embolism and thrombosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
General paralysis of the insane	7	1	8	7	1	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																								
Diseases of the myocardium	23	59	82	–	–	–	–	–	–	–	–	–	–	–	–	9	17	26	2	2	4	5	26	31
Diseases of the coronary arteries and angina pectoris	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the heart	6	–	6	–	–	–	–	–	–	–	–	–	1	–	1	3	–	3	1	–	1	–	–	–
Arteriosclerosis	22	1	23	–	–	–	–	–	–	–	–	–	–	–	–	15	–	15	1	–	1	3	–	3
Gangrene	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Other diseases of the arteries	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Diseases of the Respiratory System:																								
Bronchopneumonia (including capillary bronchitis)	3	5	8	–	1	1	–	1	1	–	–	–	2	–	2	1	2	3	–	–	–	–	–	–
Lobar pneumonia	3	–	3	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																								
Other diseases of the intestines	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																								
Nephritis (acute, chronic and unspecified)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Diseases of the Skin and Cellular Tissue:	–	2	2	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Senility:	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Violent and Accidental Deaths:																								
Suicide	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Conflagration and accidental burns	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	–	8	8	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	5	5
Total	92	103	195	9	5	14	–	3	3	2	–	2	8	1	9	38	27	65	6	2	8	10	31	41

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders* — Concluded

Causes of Death	Involutional psychoses			Due to other metabolic diseases, etc.			Due to new growth			Manic-depressive psychoses			Dementia praecox			With mental deficiency			Undiagnosed psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																					
Lethargic encephalitis (epidemic)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of the respiratory system	1	–	1	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–	–	–	–
Disseminated tuberculosis	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Syphilis (non-nervous forms)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Purulent infection, septicaemia (non-puerperal)	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Cancer and Other Tumors:																					
Cancer and other malignant tumors	–	1	1	–	–	–	–	1	1	–	1	1	–	1	1	–	–	–	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																					
Diabetes	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Chronic Poisonings and Intoxications:																					
Alcoholism (acute or chronic)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																					
Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–
Cerebral embolism and thrombosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																					
Diseases of the myocardium	1	3	4	–	–	–	–	–	–	–	2	2	6	8	14	–	1	1	–	–	–
Diseases of the coronary arteries and angina pectoris	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Other diseases of the heart	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Arteriosclerosis	–	1	1	–	–	–	–	–	–	2	–	2	–	–	–	1	–	1	–	–	–
Gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Other diseases of the arteries	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System:																					
Bronchopneumonia (including capillary bronchitis)	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Lobar pneumonia	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																					
Other diseases of the intestines	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																					
Nephritis (acute, chronic and unspecified)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Skin and Cellular Tissue:	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senility	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																					
Suicide	–	1	1	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
Conflagration and accidental burns	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Other external causes	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
Total	3	6	9	–	2	2	–	1	1	3	8	11	12	15	27	1	1	2	–	1	1

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			20–24 years			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years			50–54 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	9	5	14	–	–	–	–	–	–	1	–	1	1	1	2	1	1	2	1	1	2	–	–	–
With other forms of syphilis	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–
With epidemic encephalitis	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
Alcoholic psychoses	8	1	9	1	–	1	1	–	1	–	–	–	2	–	2	–	–	–	–	–	–	1	1	2
With cerebral arteriosclerosis	38	27	65	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	1	–	1
With other disturbances of circulation	6	2	8	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	3	–	3
Senile psychoses	10	31	41	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	3	6	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	1	1	2
Due to other metabolic diseases, etc.	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Due to new growth	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Manic-depressive psychoses	3	8	11	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1
Dementia praecox	12	15	27	1	–	1	1	2	3	2	1	3	–	–	–	–	–	–	–	4	4	2	1	3
With mental deficiency	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Undiagnosed psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Total	92	103	195	2	–	2	2	2	4	3	1	4	3	3	6	3	3	6	4	6	10	10	6	16

Psychoses	55–59 years			60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	–	2	–	1	1	1	1	2	2	–	2	–	–	–	–	–	–	–	–	–
With other forms of syphilis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	–	–	–	–	–	–	2	–	2	1	–	1	–	–	–	–	–	–
With cerebral arteriosclerosis	1	4	5	7	3	10	5	6	11	10	5	15	4	7	11	5	2	7	3	–	3
With other disturbances of circulation	–	–	–	1	–	1	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–
Senile psychoses	–	–	–	–	–	–	–	4	4	1	3	4	3	8	11	1	8	9	5	8	13
Involutional psychoses	–	–	–	1	3	4	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	3	3	2	2	4	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Dementia praecox	1	1	2	3	2	5	2	–	2	–	3	3	–	–	–	–	–	–	–	1	1
With mental deficiency	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–
Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	4	8	12	14	13	27	9	12	21	15	13	28	9	17	26	6	10	16	8	9	17

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

Psychoses	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	9	5	14	–	1	1	2	–	2	1	1	2	2	1	3	2	1	3	1	1	2
With other forms of syphilis	–	3	3	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	2	–	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	8	1	9	5	–	5	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With cerebral arteriosclerosis	38	27	65	16	5	21	5	4	9	5	3	8	1	1	2	4	10	14	4	2	6
With other disturbances of circulation	6	2	8	1	–	1	1	–	1	1	–	1	1	–	1	1	–	1	1	1	2
Senile psychoses	10	31	41	–	10	10	3	3	6	1	3	4	2	5	7	2	4	6	–	4	4
Involutional psychoses	3	6	9	–	–	–	1	–	1	1	1	2	–	1	1	1	1	2	–	1	1
Due to other metabolic diseases, etc.	–	2	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Due to new growth	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	3	8	11	–	1	1	–	–	–	–	2	2	–	–	–	–	1	1	–	1	1
Dementia praecox	12	15	27	1	–	1	1	–	1	–	1	1	–	1	1	–	2	2	–	5	5
With mental deficiency	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Undiagnosed psychoses	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Total	92	103	195	24	17	41	13	8	21	9	15	24	6	9	15	11	19	30	6	15	21

Psychoses	5–6 years			7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other forms of syphilis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	1	–	1
With cerebral arteriosclerosis	2	2	4	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	1	1	2	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–
Involutional psychoses	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	1	1	–	1	1	1	–	1	1	–	1	–	–	–	1	–	1	–	1	1
Dementia praecox	–	2	2	2	1	3	3	–	3	1	–	1	1	–	1	1	2	3	2	1	3
With mental deficiency	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1
Undiagnosed psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	5	8	13	2	4	6	5	–	5	3	–	3	2	1	3	3	4	7	3	3	6

TABLE 19. *Average Length of Hospital Residence during the Present Admission of All First Admissions in Residence on September 30, 1937*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	53	14	67	3.80	3.77	3.80
With other forms of syphilis	4	1	5	4.23	.44	3.47
With epidemic encephalitis	4	5	9	3.97	5.90	5.04
With other infectious diseases	–	1	1	–	.44	.44
Alcoholic psychoses	82	8	90	8.90	12.37	9.21
Due to drugs, etc.	–	1	1	–	7.50	7.50
Traumatic psychoses	6	1	7	7.65	.44	6.62
With cerebral arteriosclerosis	62	59	121	2.60	3.92	3.24
With other disturbances of circulation	2	4	6	2.50	5.48	4.49
With convulsive disorders (epilepsy)	7	3	10	4.05	5.14	4.38
Senile psychoses	39	60	99	2.50	2.52	2.51
Involutional psychoses	30	39	69	4.98	3.68	4.25
Due to other metabolic diseases, etc.	2	11	13	12.50	4.93	6.10
Due to new growth	1	1	2	.44	17.50	8.97
With organic changes of nervous system	3	1	4	3.14	1.50	2.73
Psychoneuroses	5	7	12	.85	.73	.78
Manic-depressive psychoses	17	31	48	5.82	5.71	5.75
Dementia praecox	293	425	718	9.80	10.13	10.00
Paranoia and paranoid conditions	4	2	6	.95	.44	.78
With psychopathic personality	4	5	9	1.47	8.67	5.47
With mental deficiency	46	51	97	10.54	6.39	8.36
Without psychoses	8	4	12	8.97	7.97	8.64
Total	672	734	1,406	7.48	7.79	7.64

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmissions in Residence on September 30, 1937*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	9	3	12	2.83	1.16	2.41
With epidemic encephalitis	2	1	3	5.50	7.50	6.16
Alcoholic psychoses	16	4	20	8.25	7.50	8.10
Traumatic psychoses	–	1	1	–	3.50	3.50
With cerebral arteriosclerosis	10	3	13	2.20	3.16	2.42
With other disturbances of circulation	–	1	1	–	17.50	17.50
With convulsive disorders (epilepsy)	3	5	8	4.50	9.70	7.75
Senile psychoses	2	2	4	3.50	.50	2.00
Involutional psychoses	11	12	23	4.13	4.33	4.23
Due to other metabolic diseases, etc.	–	3	3	–	7.83	7.83
With organic changes of nervous system	–	1	1	–	.50	.50
Psychoneuroses	2	7	9	.50	3.78	3.04
Manic-depressive psychoses	30	44	74	6.68	6.22	6.41
Dementia praecox	118	195	313	10.61	9.86	10.14
Paranoia and paranoid conditions	1	1	2	.50	1.50	1.00
With psychopathic personality	1	3	4	.50	5.50	4.25
With mental deficiency	19	27	46	9.94	7.98	8.79
Without psychoses	4	–	4	1.75	–	1.75
Total	228	313	541	8.36	8.48	8.42

TABLE 20. *Family Care Statistics for Year Ended September 30, 1937*

	Males	Females	Total
Remaining in Family Care September 30, 1936	2	13	15
On Visit from Family Care September 30, 1936	–	6	6
Admitted to Family Care during the Year	11	9	20
Whole Number of Cases within the Year	13	22	35
Discharged from Family Care within the Year	6	10	16
From Family Care to Visit Status	2	3	5
Returned to Institution	4	7	11
Remaining in Family Care September 30, 1937	7	12	19
On Visit from Family Care September 30, 1937	1	2	3
Average Daily Number in Family Care during Year	3.44	13.32	16.76
Supported by State	5	8	13
Private	2	4	6

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

NORTHAMPTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1938

DEPARTMENT OF MENTAL HEALTH

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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NORTHAMPTON STATE HOSPITAL

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TRUSTEES' REPORT

To His Excellency the Governor and the Honorable Council:

The Board of Trustees present herewith the eightieth annual report of the Northampton State Hospital for the year ending November 30, 1938.

We have met as a Board at the hospital on the second Thursday of each month, excepting July and August, and inspections have been made monthly by individual members in accordance with the requirements of law. A detailed report of all hospital activities has been submitted every month by the Superintendent. These reports are mailed to each member of the Board prior to regular meetings when they are discussed and investigations made if such action appears necessary. It is a pleasure to report that inspections and investigations have not reflected any discredit upon the resident medical or administrative staffs of the hospital. Indeed, we often marvel at the orderliness, the cleanliness, the great contentment of the average patient and the whole air of serenity that pervades the entire institution.

The new kitchen and cafeteria has been in operation since February and has more than fulfilled our fondest hopes. The Steward with his corps of assistants now take

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great pride in their culinary equipment and spare no pains to serve to every patient a well balanced, well cooked and pleasing diet. Complaints about food that were previously heard daily are now almost never heard.

Fireproofing with the addition of several improvements (shower baths, soiled linen chutes, ventilating fans, elevators, etc.) in the Male Infirmary was completed last summer. This building is now occupied and, in addition to its attractive decoration and added equipment, eliminates a serious fire hazard.

Appropriation for a superintendent's house and for remodeling and equipping the quarters now occupied by the Superintendent into a surgical suite has been made. For some reason not apparent to us work has not been started on this project although we have approved two sets of plans and specifications. It had been our expectation that the surgical suite would be ready for use by the Spring of 1939 at which time we could truthfully refer to our institution as a "Hospital".

Still mindful of the fact that the State tax burden is a serious matter we feel very strongly that the five hundred and seventy-three thousand people served by this hospital would greatly appreciate the correction of certain weak spots in our physical set up; to say nothing of the employment these "corrections" would afford to sorely harassed local labor. We again refer to our urgent need of more male wards, a building for the segregation and care of tubercular patients, removal of the old farm buildings from their present close-in location, a building to house a small number of noisy and disturbed patients where they will not upset the others and a building for occupational and industrial therapy which is now too scattered and cramped for space to be of maximum value.

In reviewing the past year's work at the Northampton State Hospital we note with pleasure considerable progress in scientific research along the lines of shock therapy. As the result of metrazol treatment several here-to-fore chronic hospital cases have been discharged into the community. We recommend an increase in the Medical and General Care appropriation so that this and other forms of therapy can be carried on more extensively.

It is with great satisfaction that we acknowledge our indebtedness to the Northampton State Hospital employees in all positions for their continued loyalty and faithfulness to duties assigned no matter how disagreeable the duty may have been.

Respectfully submitted,

John C. O'Brien, M.D.,
Chairman of the Board of Trustees.

Anne O'Keefe Heffernan,
Secretary of the Board of Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Northampton State Hospital:

I submit herewith my report for the year ending November 30, 1938.

Movement of Population

On October 1, 1937 the census of the hospital was as follows: In the hospital, 1,947, male 900 and female 1,047; on visit 318; male 151 and female 167; on escape, 9 male; in family care, 19, male 7 and female 12; making a grand total of 2,293, male 1,067 and female 1,226. During the year ended September 30, 1938 there were 649 patients admitted, 353 male and 296 female. There were discharged during the year 357, male 200 and female 157. Transferred to other institutions 31, male 27 and female 4. One hundred and sixty-seven deaths occurred, 85 male and 82 female, leaving on the books September 30, 1938, 2,387 patients, male 1,108 and female 1,279. Of this number 2,020 were actually in the hospital, male 924, female 1,096. On visit 332, male 166 and female 166; on escape 12, male 11 and female 1; on family care 23, male 7 and female 16.

More detailed information regarding the Movement of Patient Population can be obtained from the statistical tables further on in this report.

Medical Administration

During the year the only change occurring in the personnel of the staff is as follows: *Appointments:* — Phillip Shapiro, M.D. was appointed as assistant physician on January 10, 1938. Dr. Shapiro was formerly on the staff at the Worcester State Hospital as assistant physician. *Clinical Assistants:* — For three months during the summer Dr. George A. Vassos, Jr., Cornell University Medical School; Dr. Bronislaus Galuszka and Dr. Bernard Doyle of Tufts College Medical School served as clinical assistants.

Psychiatric Service

As in the past all admissions have been considered at staff meetings or staff conferences where diagnosis, disposition and treatment have been gone over carefully. Other matters such as release on visit, therapeutic practice, administrative procedure, etc. are also considered at these meetings. Free discussion of the "Town Meeting" type has been encouraged with every effort made to avoid sterotypy. Metrazol treatment has been instituted in all schizophrenic cases where it seemed indicated and where consent could be obtained from relatives. This form of shock therapy has, we believe, proven itself of unquestionable value and we propose to continue it until something better is brought out. The use of sodium amytol in the treatment of stupors has also been continued with what we believe to be beneficial results. Occupational, industrial, recreational, hydro- and psycho-therapy have been pushed to the limit of our capacity and we will let our visit and discharge rate speak as to whether or not they have yielded results.

Surgical Service

The work of remodelling the superintendent's quarters into a surgical suite, for which a special appropriation was granted, has not yet been started. Cases requiring major operations have been taken to the Dickinson Hospital, a procedure open to much criticism. The new surgical set-up should be in operation before the end of the coming year, however.

Dental Department

On October 17, 1938 a dental assistant was appointed. Due to the fact that the population of the hospital had increased to the point where it could not be satisfactorily handled by the dentist alone, this appointment has made it possible for the dental department to increase their routine examinations as well as other duties connected with this department. A summary of the work done by the dental department during the year other than the general routine examinations is as follows: Fillings: amalgam, 397; cement, 447; synthetic, 227; dental plates made or repaired, 217; impressions taken for false teeth, 52; wax bites made, 40; teeth set up in wax, 42; models run, 24; teeth cleaned, 2,826; extractions, 947; treatment of teeth or gums, 731.

Pathologist's Report

The laboratory personnel was increased this past year by the appointment of Dr. Ruth Parker as pathologist. This has made possible a marked increase in the number of autopsies performed. During the year there were 160 deaths (fiscal year), 62 of which came to post mortem examination, giving an autopsy percentage of 38.7. Twelve of the autopsies were on medical examiner's cases; 7 because of fracture or dislocation within a year before death; 1 sudden death (ruptured myocardium); 3 died within 24 hours after admission. Forty-four, or 71% of the 62 cases autopsied, were over sixty years of age. Summarizing the autopsies according to mental diagnosis, there were: Psychosis with cerebral arteriosclerosis 19; senile psychosis 14; schizophrenia 9; psychosis with syphilitic meningo-encephalitis 5; manic-depressive psychosis 3; psychosis with other disturbances of circulation 2; psychosis with mental deficiency 2; psychoneurosis 2; involutional psychosis 1; psychosis with intercranial neoplasm 1; psychosis due to drugs 1; without psychosis 1. During many of the autopsies, demonstrations were given for the class of student nurses.

The clinical pathological laboratory has continued its work along the same general lines as previously, but with an increase of 36% over the previous year. Urinalyses and complete blood counts were done routinely on all admissions. Other examinations were made at the request of the staff physicians. The following is a summary of the work done: urinalyses (routine) 3,905; P.S.P. tests 7; complete blood counts 1,105; sedementation time 19; bleeding time 13; clotting time 15; reticulocyte count 1; blood chemistries 862; van der Bergh 4; icterus index 4; bacteriological smears 565; sputa 148; bacteriological cultures 17; milk counts 66; spinal fluid cell count 104; globulin 104; gold sol 94; total protein 47; bromides 6; basal metabolism 44; gastric analyses 3; fecal examinations 44; miscellaneous examinations 7; Ascheim-Zondek 3; a total of 7,193 examinations. Thirty-two hours of the technician's time were given to teaching the nurses' training classes.

Both the laboratory and pathological work are handicapped by the lack of adequate facilities. We have added to our equipment, but are greatly cramped and crowded in our present location. Arrangements are now under way, however, for furnishing the

laboratory site in the new cafeteria building. We hope to be more comfortably located in the near future.

Out-Patient Service

Out-Patient Clinics:	
Patients reporting at clinics	274
Inquiries regarding patients at clinics	268
	542
Consultations:	
Referred by:	
Social Agencies	44
Schools	1
Nurses	4
Physicians	31
Relatives	10
Self	5
Hospitals	9
Court cases	60
Total	164
Treatment Interviews	16
School Clinics:	
First Examinations	205
Re-examinations	119
	324
Child Guidance Clinics:	
Holyoke Children:	
New	61
Treatment	36
Holyoke Adult Consultations	3
Northampton Children:	
New	32
Treatment	29
	161
Visits to Family Care patients	8
Psychometrics on patients	119

Court Cases:	
Referred from:	
Springfield	51
Northampton	15
Easthampton	4
Great Barrington	1
Pittsfield	7
Greenfield	4
Westfield	3
North Adams	7
Lee	1
Total	93
Types of Court Cases:	
Section 215	86
Section 99	6
Unclassified	1
	93
Lectures:	38
Grand Total of all people seen in the Out-Patient Department during the year	1,427

School for Psychiatric Nursing

Under the direct supervision of the Principal of School of Nursing, assisted by members of the medical staff, our two year course in psychiatric nursing has been continued. At the present time we have 7 in the senior class and 9 in the junior class. Four graduated in June from our Psychiatric Nursing School. These small classes take considerable of the physicians' time away from what might be considered more important work. However, there is a certain amount of inspiration felt as a result throughout the entire hospital service that is probably worth while. And without question there is some improvement in nursing care because of these courses.

Occupational Therapy

The Occupational Therapy Department report for the year is as follows:—Working days, 315; employees (1 man — 4 women), 5; shops, 3; classes, 6.

Female patient enrollment to class, 324; ward and bedside, 67; daily average, 79 a.m.; 49 p.m.

Male patient enrollment to shop, 93; daily average, 13 a.m.; 9 p.m.

The following articles were made or repaired during the year: —

Hospital Property: — 6,932 towels, 58 special towels, 2,902 pillow slips, 914 face cloths, 512 bed spreads, 402 stand covers, 29 hemstitched squares, 2 buffet sets, 4 crocheted centerpieces, 20 runners, 4 woven runners, 134 hot dish holders, 23 door silencers, 51 sofa pillows, 3 bench pillows, 51 curtains, 18 rugs hooked, 41 woven rugs, 4 braided rugs, 11 braid woven rugs, 11 raffia waste baskets, 16 reed waste baskets, 3 market baskets, 7 flower baskets, 968 hemmed sacks, 565 shoulder straps, 42 balls of tapes, 1,056 ward handkerchiefs, 19 rag rug balls, 705 shirts (made button holes), 1 book case, 6 checker boards, 3 pillow covers, 251 apron strings, 2 prs. slippers, 2 typewriter covers, 1 sewing machine cover, 19 dish cloths, 13 hemmed table cloths, 7 block printed chair backs, 4 block printed chair arms, 1 slip, 2 cribbage boards, 3 rug frames, 2 rug frames stools, 1 chopping board, 1 sleeve board, 56 checkers, 1 card table game, 1 clothes hamper, 1 transom screen.

Repairs: — 54 coats, 11 raffia baskets, 2 skirts, 7 sweaters mended, 5 rugs, 22 painted curtains made over, 27 curtains made over, 4 music booklets, 1 wooden leg rest, 1 shirt, 1 radio cabinet, 2 bread boards refinished, 1 chair caned, 8 dresses, 6 tables refinished, 32 pillows, 8 uniforms, 1 suspender, 1 belt, 1 screen, 10 valences, 1 painted light top, 1 croquet set painted, 1 stool refinished, 1 suit, 1 chair refinished, 2 costumes.

Personal Property: — 7 pillow tops, 1 crocheted collar set, 5 crocheted edges on handkerchiefs, 6 wall hangings, 5 cross stitched purses, 3 three piece sets, 1 sweater, 14 stand covers, 4 chair sets, 1 slip, 1 dress, 3 suits pressed, 6 pants pressed, 2 bibs made, 1 suit altered, 4 yards icicle decoration, 6 pants made, 4 weaving frames, 3 tatting on handkerchiefs, 2 coats shortened, 2 towels embroidered, 9 paper hats, 1 skirt.

Miscellaneous: — 135 favors, 3,635 candy bagged, 832 nuts cracked, 26 hair cuts, 50 sheets typed, 1,000 name slides cut, 9 posters, 1 large sign, 3 small signs, 1,700 laboratory sheets punched, 700 ruled records for laboratory, 4 paper rolls cut, 2,309 bagged peanuts, 53 dictaphone records shaved, 2,500 D.M.H. letter heads stamped, 1 wooden State seal made, 87 laurel wreaths, 4 laurel bells, 5 laurel roping, 2 ropes in flag, 500 sheets of paper cut, 17 charts, 34 sand bags, 14 letters on base ball suits, 42 bushels of peas shelled, 209 bushels of beans snapped, 364 brown folders made, 7 bushels of beans shelled, 20 chop leg frills, 3 Chapel decorations, 50 index cards cut, 2,084 bags of peanuts, candy, cookies and oranges.

Mimeographing: — 140 stencils cut, 53,000 sheets "Hilltoppers", 17,807 sheets office forms, 7,300 sheets medical forms, 150 fire signals, 1,000 canteen slips, 2,000 reports, 180 song sheets, 150 sheets of rules, 225 diet slips, 3,000 laundry slips, 3,150 programs, 1,245 tickets, 550 hearts for dance.

Industrial Therapy

The following is a list of articles made or repaired in our Industrial Therapy Department: —

Hospital property: — 681 mattresses, 380 pillows, 43 canvas mattresses, 3 hydromattresses, 379 rugs, 638 overalls, 52 jumpers, 895 shirts, 265 mattress ticks, 159 pillow ticks, 39 bed socks, 4 chair cushions, 69 time charts printed, 4 baseball bases, 3 settee cushions, 8 signs printed, 8,833 forms printed, 14,042 index cards printed.

Repairs: — 606 pr. shoes soled, 633 pr. shoes heeled, 438 pr. shoes patched, 82 chair cushions, 6 chairs upholstered, 1 rug, 1 pr. crutches, 5 truck canvas, 2 clocks, 23 laundry baskets, 37 chairs caned, 4 couches, 4 couches recovered.

Recreational Therapy

Following is a summary of the more prominent recreational activities during the past year: —

Four patient beano parties, 7 vaudeville shows, 21 motion pictures, 10 choral rehearsals, 3 miniature motion pictures, 3 band rehearsals, 1 afternoon sing, 1 masquerade, 1 local talent play, 1 Christmas tree exercise, 44 patient dances, 4 minstrel shows, 1 art and O.T. exhibit, 1 magic show, 1 band concert, 1 Easter display, 1 cabaret dance, 1 halloween party, 1 field day.

Forty baseball games — N.S.H. winning 28, losing 10, tying 2. Average patient attendance at each game 340. Fourteen basketball games attended or played by about 100 patients each game. A patients' bowling league was organized with 20 matches and 24 patients participating. One ping-pong tournament with 28 patients participating. Tennis was enjoyed by 30 patients—14 being given instruction in same. Four sleigh-rides were enjoyed by about 20 patients each ride. Twenty-five patients made a trip to Mountain Park to enjoy a show put on by the Federal players. Bridge instruction was given to 40 patients. An average of 14 patients made twelve trips to high school to enjoy basket ball games. Six patients were guests of the N.S.H. baseball team at a big league game at Boston. Daily hikes were held when weather permitted. Five trips to high school football games with 15 patients each trip. One hundred patients went to the Circus at the Northampton Fair Grounds, and 125 patients attended the Three County Fair at Northampton. Two band concerts out of doors were enjoyed by 300 patients at each concert. Thirty-five patients participated in 22 soft-ball games, with an average patient attendance of 200. Twenty exhibition games of soft ball with average attendance of 200. Croquet was enjoyed by many patients during the summer months. Horsehoe pitching tournament with 32 patients taking part. Eight trips to interesting places in the valley were enjoyed by an average of 25 patients each trip. Volley ball was played occasionally by 20 patients.

Social Service Department

Our Social Service Department has been fortunate in having provision made for an additional worker in the Department. Miss Caroline Wright was appointed to this position October 1, 1937. Since then she has devoted her time fully to the Child Guidance Clinics in Holyoke and Northampton and to the School Clinic, the latter a

much needed service, which, with our previously limited staff, we have been unable to render.

In the current year 212 medical social histories have been contributed by our workers to the medical staff for their use in diagnosis, 461 patients have been supervised in their homes. A total of 721 visits were made to these patients; 56 visits to relatives, 15 visits to others, and 17 calls on social agencies. Twenty-one patients have been aided in some definite way to adjustment in the community. In our supervision work we have not covered as many cases as in the previous year, but we have attempted to do more concentrated work on some of the cases visited.

In 40 cases our department cooperated with other social agencies for the interests of our patients. Employment was obtained for 3, 85 personal services were given, 8 special investigations made, and 46 patients were interviewed on the wards.

Our family care work is gradually increasing and this year we have had a total of 33 patients under this type of service. Three hundred and ninety-one calls were made to patients in boarding homes, 6 homes were investigated, 6 patients placed, 2 replaced and 3 were returned to the hospital.

At the out-patient clinic in Springfield a member of our department has been present at 10 clinic sessions and conducted 118 interviews with patients or relatives.

The child guidance clinics in Holyoke and Northampton have received much more attention from the Social Service Department this year because of the new Worker, who has attended 87 clinic sessions, handled 109 new cases, making 110 visits to homes, 28 visits to schools and 171 agency calls.

In the school clinics covering the towns of North Adams, Shelburne Falls, Great Barrington, Sheffield, Chester and Lee, 112 cases were referred to Social Service, 121 homes visited and 71 calls on other Social Agencies or interested individuals were made.

Two-hundred and thirty medical staff meetings were attended by one or more workers. One or more members of the Social Service staff attended 42 other meetings of a professional nature, 9 visits were made to other institutions, and 4 lectures were given on the subject of social work.

Steward's Department

It is with great satisfaction that this department reviews its activities for the past year. The long-talked-of kitchen and cafeteria building for the main group was put into service last February. The improvement in feeding that has resulted exceeded our fondest hopes. We feel that we have been suddenly boosted from the lowest to the highest efficiency point as regards food preparation and service. It is significant that our feeding costs were less in 1938 than in 1937 despite a very material increase in the number fed. That we fed much better in 1938 than in 1937 is the unanimous opinion of the patients and employees.

The work of the laundry has been greatly facilitated by the addition of another mangle so that the great volume of sheets and other flat work can be ironed rapidly and a better supply furnished the wards.

Our appropriation for clothing does not permit us to clothe our patient population in anything like a satisfactory manner. This is particularly true as regards the male patients. Female patients can be made to look fairly presentable in cotton print dresses, but men clad in ill fitting and faded blue denim while eating in the cafeteria or attending Chapel exercises is not a pleasing sight.

Engineering Department

Power Plant

Coal consumed, 6,585 long tons. Average daily consumption, 18.04 long tons. Water evaporated 168,252,167 pounds. Water evaporated per pound of fuel, 11.8 pounds. Steam pressure on boilers, 200 pounds. Average boiler efficiency, 78.4 per cent.

All boilers (3) were inspected and certificates of inspection issued by the Department of Public Safety, Division of Inspection.

The diaphragm damper controller on No. 1 boiler was overhauled.

Water pressure reducers were connected to two large reducing valves and these valves were both changed from weight to spring loaded.

Replaced the butterfly valves in ash chutes from combustion chambers in all three boilers.

The cylinder liner, piston and piston rod were renewed in No. 1 vacuum pump.

Eight sections of the vertical coal conveyor were replaced.

The bearings in No. 2 boiler feed pump were renewed and the rotating element was reconditioned. The steam pipe to No. 1 fan turbine was shortened to allow for expansion.

The valve cage and valve in the high pressure reducing valve were replaced.

A second hand steam driven air compressor was installed for stand by service during power failures.

A strainer and gate valve were installed between the receiver and pumps.

There were also the usual replacements of burned out stoker parts and worn out parts on the coal handling machinery.

Electrical Work

Installed wiring for motors as follows: — A car puller motor at railroad siding; an ensilage cutter motor at the main barn; flat work ironer motors (2) at the laundry; sewing machine motors for the sewing and mending rooms at "F" building basement; a fire alarm siren motor on the roof of the storehouse building; a vacuum pump motor in the South Infirmary basement; two motors were rewound, one for the new bakery oven and one on No. 4 refrigeration unit in the storehouse building; a new shaft and bearings were put in a ventilating fan motor in the "E" building attic.

Rewired for lights as follows: — The industrial room in the "C" building basement; in the basement of the employees' cafeteria; the dormitory over the employees' cafeteria; the housekeeper's office; new basement stairway to lower 1st, North.

Repaired wiring for lights in corridor between the third halls North and the North Infirmary. Installed lighting service underground from the garage to the new fire station and wired for lights inside the station. Installed underground service to cottage No. 6 from the new laundry and disconnected the street service. Removed broken wires from trees and repaired the transmission line to the stone crushing plant damaged by the hurricane. Other repairs on this line included setting three new poles, remounting the transformers on poles and rewiring same. Set one pole and ran power service to a new spring pump house for irrigation. Installed a feeder circuit from the storehouse transformer vault to the basement of the new kitchen building for a condensation pump motor. Installed new light fixtures, switches and receptacles in cottage No. 2. Also fixtures and switches in the second halls, South, bathrooms. Removed all lighting fixtures from the North Infirmary Building for renovation and fire proofing the building. Renewed all electric lighting fixtures in South Infirmary No. 3. Wired for an electric oven in pathological laboratory. Installed electric fans in the officers' kitchen and female supervisors' office. Installed a call bell system in the four Memorial buildings. Replaced a burned out transformer on service to cottages No. 1, 11 and 12. Put up electric clocks and fire alarm bells in the North Infirmary after the building was fireproofed. Wired in a new central call bell station at the telephone office. Installed conduit for rewiring the call bells, fire alarm bells and electric clock systems in the North, South and Center basements in the main group of ward buildings.

Plumbing and Steamfitting

Installed hot water heating apparatus as follows: — Replaced galvanized range boilers with copper boilers at cottages No. 8 and 9. Installed a small steam heater and storage tank in the Power Plant for hot water to lavatories and showers. Connected a small hot water heater to house boiler at cottage No. 10. Relocated ranges, sinks and hot water heaters in new kitchen at cottage No. 2. Installed a new 400 gallon hot water heater in the "D" building replacing a defective heater. A new 1,500 gallon hot water storage heater was installed in the laundry replacing a defective heater. Re-insulated the hot water storage tank in the "F" building. The hot water storage tank at the Memorial cafeteria became defective and was removed. Finished piping to new shower stalls in the second halls, South. Installed 12 thermometers on the shower bath controls in the North Infirmary. Checked the hot water controllers in all buildings and made many repairs. A public toilet room on the first floor of the Administration building was renovated and new fixtures installed. A new toilet room was built and fixtures installed in the North airing court. Replaced a closet and lavatory in cottage No. 2. A closet and sink in cottage No. 7 and a sink in cottage No. 18. A new toilet room was installed in the Rear Center building.

Run a water supply line from the Nurses' Home to the athletic field and one from the piggery to the poultry house. Run a new domestic water supply line in the basement tunnel for the Rear Center building and disconnected an old main. Reconditioned the

spring reservoir for irrigation water and built a new pump house. Installed a condensation pump on the steam heating returns from the main buildings. Five Nash pumping units were reconditioned.

Installed a heating coil in the calf barn and a radiator in the linen room at the second halls, North. Connected a steam trap to the main steam header in the heater room at the new kitchen building. Removed surplus steam and return piping in the tunnel between third basement, South and the new cafeteria. Repaired several leaks in the heating system at the North Infirmary. Added two and relocated five radiators in cottage No. 14. Covered new steam and water piping at house No. 2.

Other Mechanical Work

Re-hung the moving picture sound box and screen on the new stage in the Assembly room. Hand rails were installed on stair to tunnel at the third basement, South, and on new stairs to basement from Lower 1st, North. Put up an iron grill partition in the storehouse basement. Put new loading doors on a drying tumbler at the laundry. Rebabbitted five bearings and replaced four pinion gears on the old flat work ironer. Installed a new American six roll flat work ironer. Replaced several defective expansion valves on the refrigeration systems.

Fire Protection

A new fire station was built to house the fire ladder trucks, hose reels and portable extinguishers.

A street fire alarm box was installed at the Memorial cafeteria and connected to the City fire alarm system.

A 5 horse power Sterling Electric fire alarm Code Siren was installed on the roof of the storehouse building with controls wire to the telephone office.

Renewed six lengths of fire hose, three at the first halls, North and three at the first halls, South.

Recharged all fire extinguishers. Hangers were made and put up for extinguishers.

All valves on the fire protection system were inspected and some repairs were made.

Changes in Personnel

Mr. Michael Waldron, Assistant Engineer at this institution since October 21, 1929, was promoted to the position of Chief Engineer at the Massachusetts State College on February 1, 1938.

Mr. Frank Sharpe, Assistant Engineer at the Monson State Hospital, was transferred to this institution on February 1st to fill the position made vacant by the promotion of Mr. Waldron.

Mr. Charles Sawyer, Fireman at this institution since May 13, 1927, was promoted to the position of Assistant Engineer at the Monson State Hospital on February 1, 1938.

Farm Report

The year 1938 was a hard one taking all farming operation into consideration. The season started early but continued wet weather made cultivation and harvest a difficult matter. Some of the garden crops were necessarily small. Silage in some fields was drowned out and the hay on "Sunset" field and the "Day" lot was hard to harvest. Both of these fields were very wet making haying late, in fact, some of the hay was not cut because of the wet condition of these fields. There was a very heavy crop of fruit especially in the "Graves" orchard but the hurricane left the fruit in a badly bruised condition. This caused a heavy percentage of No. 2 apples with poor keeping qualities.

Last year was the first time grass silage was harvested in any quantities — 347½ tons of mixed grasses, oat and clover, barley and clover and clover alone was put into the silos. This silage came out in splendid condition and was well liked by the cows, which in turn gave a heavy yield of milk. This way of harvesting much of the hay crop enables us to cut the grass when it is at its best regardless of the weather.

Last year hybrid chicks were purchased. These matured early into large birds which laid heavily.

The swine herd was reduced in numbers but came through the season with a satisfactory pork production.

The dairy herd was increased in numbers and while some breeding troubles were experienced the herd as a whole had a cleaner bill of health than in former years. With more heifers raised there should be a greater opportunity of selection for the herd in the future.

The following figures give the yield of the principal crops harvested: — *Field crops* — Ensilage 342½ tons, molasses silage 347½ tons, greenfeed 264½ tons, hay 277 tons, fruit 3,537 bus., strawberries 5,286 lbs.

Garden crops (*in pounds*) — Asparagus 6,845, string beans 25,662, shell beans 3,483, beets 36,804, beet greens 2,913, cabbage 66,861, cantaloupes 7,793, carrots 55,815, cauliflower 1,467, swiss chard 1,805, sweet corn 15,157, cucumbers 16,200, dandelions 7,291, lettuce 5,504, onions 38,275, onion sets 80 bus., parsnips 25,654, peas 8,371, peppers 1,808, pumpkin 2,097, rhubarb 7,539, scallions 6,689, spinach 8,869, squash 54,913, tomatoes 121,630; turnips 56,921.

Poultry — Eggs, 14,073 dozen, fowl and chickens, 4,676 lbs.

Swine — Pork, 74,871 lbs.

Milk — 764,531 lbs.

As compared with last year there has been: — Reduction in horses, 2; swine herd somewhat reduced; poultry increased 117 head; dairy and young stock increased 13 head.

As noted earlier in this report the "Sunset" and "Day" fields are very wet, which allows no crops except grasses. Neither clover or alfalfa can be grown on these fields. Now that the "Grant" pond has been drained a ditch should be dug from this pond to the field above thus allowing proper drainage of some 50 acres of very rich land now almost impossible to handle.

The hurricane of last fall did great damage to fruit and shade trees. Some of the uprooted fruit trees were salvaged by being set and held in place by props and guy wires but many were totally ruined. A great amount of time has been given to clearing of debris and doing other work incident to the hurricane.

Repairs and Replacements

The following work was done during the year by the maintenance force: — M.I.S., 10 yards of plaster patching and 50 yards of plaster on new ceilings in the rooms. The ward was repainted throughout. The area covered was approximately 10,000 sq. ft. of surface. New linoleum was laid over the entire hall area flooring. Three rooms, each having two shower stalls, were redone in the second halls, South. The stalls made up with marble slabs and flooring of tile.

L.1.N., A flight of stairs was built leading to the basement and passageway to the new cafeteria. This stairway is of fireproof construction. The ceiling area in the passageway leading to the cafeteria was fireproofed. This required the furring and lathing with metal lath and two coat plaster job. The walls and ceiling were painted throughout this area.

The old kitchen, bakery, and canning room, located in the basement of the main building, are being renovated. The kitchen is to be used as a smoking and recreation room. The bakery is to be used by the occupational therapy shop for men and the canning room serves as a passage as well as an "in and out going" reservoir for the new cafeteria. A portion of the kitchen area will be used by the pharmacy. A room 24′ x 16′ was enclosed with a brick wall and grill construction.

New clothes racks and medicine closets were built and installed on each floor of the North Infirmary. The entire North Infirmary building was fireproofed. All floors are of reinforced concrete construction. Two new Payne electric elevators were installed, one in each infirmary.

New linoleum floor covering was laid in L.1.N. and M.1.N. Approximately 1,500 sq. ft. of iron grilles were installed in the basement passageways of the Memorial Buildings. Removed 1,000 lin. ft. of car tracks formerly used by food trucks in the North and South basements of the main building, and 3,000 sq. ft. of concrete floor was laid as replacement for this track. A sump pit was built and a sump pump installed in the basement of the North Infirmary. Seven rooms and a hallway in the rear of the Chapel were completely renovated. These are used for employees' quarters. Four rooms, bathroom and hallway, on the third floor, rear center, were repaired and painted.

Institution houses — House No. 2 — seven rooms redone, paint and wallpaper. Painted ell part of house; House No. 8 — five rooms repapered and ceilings painted; House No. 9 — new roofing; House No. 11 — rooms redone and the ceilings kalsomined; House No. 16 — four rooms painted and House No. 17 — painted exterior. New eaves troughs and conductor pipes installed at houses No. 2 and 14.

Men's public toilet room renovated in the Main Building; women's toilet room built on the first floor rear center; new fire-station completed; new toilet built in court yard of the fourth halls, North; painted new silo erected rear of cow barn; built three catch

basins rear of Memorial Buildings; built one catch basin at the rear of the Club House; repainted staff dining room; new concrete supports for hot water tank at the new laundry building; removed old kitchen equipment and bakery oven; altered and renovated matron's office; installed 60 new cylinder locks, replaced 40 and repaired 1,200; repaired 85 door checks and installed some; 40 new wood stools were built and painted (these stools are used in the canning room and kitchen); repaired 150 bed springs and painted 1,300 beds; 1,000 lights of glass were replaced; storm sashes were installed and removed; repaired window screens, doors, etc.; approximately 1,500 pieces of furniture were repaired; 450 feet of concrete curbing was poured in place; 720 yds. of reinforced concrete roadway was poured between the new dining hall and garage; made 1,000 concrete blocks; crushed about 900 tons of rock; repaired 10,000 yds. of roadway on grounds, requiring about 200 yds. of gravel and cinders and excavated cellar for Superintendent's new house.

ACKNOWLEDGMENTS

To the many individuals and organizations in the community, who have contributed money, literature, and entertainment for the welfare of our patients, I also extend thanks.

Respectfully submitted,

ARTHUR N. BALL, M.D.

Superintendent.

VALUATION

November 30, 1938

Real estate — Land 612.7 acres	$175,565.00
Buildings and betterments	2,902,331.25
	$3,077,896.25

FINANCIAL REPORT

To the Department of Mental Health:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1938.

STATEMENT OF EARNINGS

Board of Patients		$89,605.82
Personal Services:		259.28
Sales:		
Food	$372.83	
Clothing and materials	186.89	
Furnishings and household supplies	5.00	
Medical and general care	60.50	
Heat and other plant operations	2.00	
Garage and grounds	19.00	
Repairs ordinary	440.82	
Farm (cows, $447.45; calves, $226.56; miscellaneous, $785.66)	1,459.67	
Total Sales		$2,546.71
Miscellaneous:		
Interest on bank balances	$139.49	
Rents	2,264.01	
Commission on telephone pay stations	55.73	
Error in cash	.30	
Total Miscellaneous		2,459.53
Total earnings for the year		$94,871.34
Total cash receipts reverting and transferred to the State Treasurer		$94,824.39
Accounts receivable outstanding December 1, 1937	$68.62	
Accounts receivable outstanding November 30, 1938	115.57	
Accounts receivable increased		$46.95

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward		$191.51
Appropriation, current year		763,970.00
Total		$764,161.51
Expenditures as follows:		
Personal services	$419,194.37	
Food	136,178.89	
Medical and general care	21,300.35	
Religious instruction	1,400.00	
Farm	19,994.98	
Heat and other plant operation	71,714.04	
Travel, transportation and office expenses	5,307.93	
Garage, $3,523.64; grounds, $1,060.01	4,583.65	
Clothing and materials	16,588.36	
Furnishings and household supplies	27,313.04	
Repairs ordinary	13,916.76	
Repairs and renewals	16,703.89	
Total maintenance expenditures		$754,196.26
Balances of maintenance appropriation, November 30, 1938		9,965.25
		$764,161.51

SPECIAL APPROPRIATIONS

Balance December 1, 1937, brought forward		$148,896.60
Appropriations for current year		77,598.00
Total		$226,494.60
Expended during the year	$152,547.78	
Reverting to Treasury of Commonwealth		152,547.78
Balance November 30, 1938, carried to next year		$73,946.82

APPROPRIATION	Act or Resolve Ch. — Yr.	Total Amount Appropriated	Expended during fiscal year	Total Expended to date	Balance at end of year
Additional land	170–1932	$75,000.00	$142.47	$57,596.60	$17,403.40
Food elevators	234–1937	23,500.00	8,306.50	23,482.12	17.88
Additional sprinklers	234–1937	10,000.00	4,896.63	4,896.63	5,103.37
Fire protection	234–1937	41,000.00	39,462.77	39,462.77	1,537.23
Traffic light	234–1937	2,500.00	1,910.00	1,934.41	565.59
Superintendent's House	356–1938	15,000.00	–	–	15,000.00
Surgical suite and infirmary	356–1938	15,000.00	–	–	15,000.00
Storm sewer on Earle Street	497–1938	976.00	947.36	947.36	28.64
Hurricane and flood damage	507–1938	14,600.00	567.30	567.30	14,032.70
Laundry Building M-53—5565		106,196.38	49.59	106,196.38	–
Kitchen and dining room M-108—1149R		417,099.00	96,265.16	411,840.99	5,258.01
Totals		$720,871.38	$152,547.78	$646,924.56	$73,946.82

PER CAPITA

During the year the average number of patients has been, 1,998.39.
Total cost of maintenance, $754,196.26.
Equal to a weekly per capita cost of, $7.2577.
Total receipts for the year, $94,824.39.
Equal to a weekly per capita of $.9125.
Total net cost of maintenance for year, $659,371.87.
Net weekly per capita, $6.3452.

Respectfully submitted,
EVA L. GRAVES,
Treasurer.

Financial Statement Verified.
Approved.

GEO. E. MURPHY,
Comptroller.

STATISTICAL TABLES

As Adopted by the American Psychiatric Association, Prescribed by the Massachusetts Department of Mental Health

Table 1. *General Information*

(Data correct at end of institution year November 30, 1938)

Date of *opening* as a hospital for mental diseases: August 16, 1858.
Type of hospital: State.
Hospital plant:
Value of hospital property:

Real estate, including buildings	$3,077,896.25
Personal property	271,839.84
Total	$3,349,736.09

Total acreage of hospital property owned, 612.7.
Total acreage under cultivation during previous year, 191.
Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	–	1	–	–	–
Assistant physicians	7	3	10	–	–	–
Total physicians	8	3	11	–	–	–
Stewards	1	–	1	–	–	–
Resident dentists	1	–	1	–	–	–
Pharmacists	1	–	1	–	–	–
Graduate nurses	5	34	39	–	–	–
Other nurses and attendants	115	125	240	2	9	11
Occupational therapists	2	3	5	–	1	1
Social workers	–	3	3	–	–	–
All other officers and employees	94	62	156	3	2	5
Total officers and employees	227	230	457	5	12	17

Classification by Diagnosis September 30, 1938

Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
White:						
Insane	909	1,077	1,986	175	179	354
Mental defectives	7	4	11	4	2	6
Alcoholics	–	–	–	1	–	1
All other cases	1	3	4	2	–	2
Total	917	1,084	2,001	182	181	363
Other Races:						
Insane	7	12	19	2	2	4
Total	7	12	19	2	2	4
Grand Total	924	1,096	2,020	184	183	367

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	12	133	145
Other patients employed in general work of hospital on date of report	411	351	762
Average daily number of all patients actually in hospital during year	916.07	1,068.70	1,984.77
Voluntary patients admitted during year	2	3	5
Persons given advice or treatment in out-patient clinics during year	152	193	345

TABLE 2. *Movement of Patient Population for the Year Ended September 30, 1938*

(Data in all of the following tables are based on the Statistical Year, October 1, 1937 to September 30, 1938)

	Total			Regular Court Commitment (Insane)			Observation			Temporary Care			Voluntary		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1937	1,067	1,226	2,293	1,060	1,225	2,285	5	–	5	1	–	1	1	1	2
Admissions during year:															
First admissions	252	205	457	199	186	385	27	14	41	24	5	29	2	–	2
Readmissions	91	86	177	85	79	164	3	3	6	3	1	4	–	3	3
Total admissions	343	291	634	284	265	549	30	17	47	27	6	33	2	3	5
Transfers from other mental hospitals	10	5	15	10	5	15	–	–	–	–	–	–	–	–	–
Total received during year	353	296	649	294	270	564	30	17	47	27	6	33	2	3	5
Total on books during year	1,420	1,522	2,942	1,354	1,495	2,849	35	17	52	28	6	34	3	4	7
Discharged from books during year:															
As recovered	60	9	69	39	2	41	10	4	14	9	2	11	2	1	3
As improved	85	130	215	80	128	208	1	–	1	4	–	4	–	2	2
As unimproved	26	8	34	20	6	26	1	–	1	5	2	7	–	–	–
As without psychosis	29	10	39	6	1	7	17	8	25	6	1	7	–	–	–
Total discharged to community	200	157	357	145	137	282	29	12	41	24	5	29	2	3	5
Transferred to other mental hospitals	27	4	31	27	4	31	–	–	–	–	–	–	–	–	–
Died during year	85	82	167	76	79	155	5	2	7	4	1	5	–	–	–
Total discharged, transferred and died during year	312	243	555	248	220	468	34	14	48	28	6	34	2	3	5
Patients remaining on books of hospital at end of year:															
In hospital	924	1,096	2,020	922	1,092	2,014	1	3	4	–	–	–	1	1	2
On parole or otherwise absent	184	183	367	184	183	367	–	–	–	–	–	–	–	–	–
Total	1,108	1,279	2,387	1,106	1,275	2,381	1	3	4	–	–	–	1	1	2

SUPPLEMENTARY DATA

	M.	F.	T.
Average daily number of patients on books during year	1,087.33	1,252.24	2,339.57
Actually in institution during year	916.07	1,068.70	1,984.77
In family care	6.39	13.29	19.68
On visit	157.94	170.09	328.03
On escape	6.93	.16	7.09
Number of patients actually remaining in institution September 30, 1938			
State	842	905	1,747
Reimbursing	81	191	272
Ex-service patients paid by Federal Government	1	–	1
Number of patients in family care September 30, 1938:			
State	5	11	16
Private	2	5	7
Number of non-insane patients in hospital at end of institution year:			
Mentally defective	7	4	11
Others	1	3	4

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

Nativity	Patients			Parents of Male Patients			Parents of Female Patients		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States[1]	178	141	319	79	85	68	70	78	62
Austria	2	3	5	4	2	2	4	4	4
Belgium	–	–	–	–	1	–	–	–	–
Canada[2]	21	7	28	33	30	26	17	15	11
Czecho-Slovakia	–	–	–	–	–	–	1	1	1
Denmark	–	–	–	–	1	–	–	–	–
England	4	5	9	12	11	7	9	6	3
Finland	–	–	–	1	1	1	–	–	–
France	1	1	2	2	2	1	1	1	1
Germany	3	2	5	7	8	6	6	5	5
Greece	–	–	–	–	–	–	2	2	2
Holland	–	–	–	–	–	–	1	1	–
Hungary	1	1	2	1	1	1	1	1	1
Ireland	9	17	26	27	26	22	33	35	31
Italy	6	5	11	14	13	13	8	7	7
Norway	–	–	–	1	–	–	–	–	–
Poland	17	15	32	37	36	34	30	30	30
Portugal	1	–	1	1	1	1	–	–	–
Russia	4	3	7	7	6	5	3	3	3
Scotland	–	2	2	2	2	–	5	4	2
Spain	–	1	1	–	–	–	1	1	1
Sweden	1	–	1	3	4	3	1	–	–
Turkey in Asia	1	–	1	2	2	2	–	–	–
Turkey in Europe	–	–	–	1	–	–	–	–	–
Wales	–	–	–	–	1	–	–	–	–
Other Countries	3	2	5	4	4	4	3	3	3
Unknown	–	–	–	14	15	7	9	8	6
Total	252	205	457	252	252	203	205	205	173

[1](Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the United States.)
[2]Includes Newfoundland.

TABLE 4. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born*

Age at Admission	Aggregate			NATIVE BORN															FOREIGN BORN																	
				Total			Parentage												Total			Time in United States before Admission													
							Foreign			Mixed			Native			Unknown						Under 5 years			5–9 years			10–14 years			15 years and over			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0–14 years	1	3	4	1	3	4	–	1	1	–	–	–	–	1	1	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15–19 years	13	5	18	13	5	18	7	–	7	1	–	1	4	5	9	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20–24 years	24	15	39	22	15	37	8	6	14	3	2	5	9	7	16	2	–	2	2	–	2	–	–	–	–	–	–	1	–	1	1	–	1	–	–	–
25–29 years	20	21	41	19	21	40	14	14	28	–	4	4	5	3	8	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
30–34 years	16	15	31	16	12	28	4	4	8	3	–	3	4	5	9	5	3	8	–	3	3	–	–	–	–	1	1	–	1	1	–	1	1	–	–	–
35–39 years	27	21	48	23	15	38	11	4	15	4	4	8	6	6	12	2	1	3	4	6	10	–	1	1	–	–	–	1	2	3	3	3	6	–	–	–
40–44 years	20	8	28	15	5	20	3	1	4	4	1	5	5	2	7	3	1	4	5	3	8	–	–	–	–	–	–	–	–	–	5	3	8	–	–	–
45–49 years	32	18	50	18	6	24	6	2	8	3	1	4	7	3	10	2	–	2	14	12	26	–	–	–	–	–	–	1	–	1	13	12	25	–	–	–
50–54 years	17	13	30	9	4	13	1	1	2	–	–	–	7	3	10	1	–	1	8	9	17	–	–	–	–	–	–	–	–	–	6	9	15	2	–	2
55–59 years	16	12	28	6	7	13	5	2	7	1	3	4	–	1	1	–	1	1	10	5	15	–	–	–	–	–	–	–	–	–	10	4	14	–	1	1
60–64 years	14	20	34	7	11	18	2	2	4	1	–	1	4	8	12	–	1	1	7	9	16	–	–	–	–	–	–	–	–	–	7	9	16	–	–	–
65–69 years	14	15	29	7	10	17	3	6	9	–	–	–	3	3	6	1	1	2	7	5	12	–	–	–	–	–	–	–	–	–	7	5	12	–	–	–
70–74 years	19	11	30	12	9	21	2	2	4	–	–	–	8	6	14	2	1	3	7	2	9	–	–	–	–	–	–	–	–	–	7	2	9	–	–	–
75–79 years	10	15	25	5	9	14	–	2	2	1	2	3	3	3	6	1	2	3	5	6	11	–	–	–	–	–	–	–	–	–	5	6	11	–	–	–
80–84 years	6	10	16	3	8	11	2	1	3	–	2	2	1	5	6	–	–	–	3	2	5	–	–	–	–	–	–	–	–	–	3	1	4	–	1	1
85 years and over	3	3	6	2	1	3	–	–	–	–	–	–	2	1	3	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	1	2	3	–	–	–
Total	252	205	457	178	141	319	68	48	116	21	19	40	68	62	130	21	12	33	74	64	138	–	1	1	–	1	1	3	3	6	69	57	126	2	2	4

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	180	141	321
Citizens by naturalization	28	21	49
Aliens	24	28	52
First papers	1	–	1
Citizenship unknown	19	15	34
Total	252	205	457

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	TOTAL			With syphilitic meningo-encephalitis			With other forms of syphilis			With epidemic encephalitis			With other infectious diseases			Alcoholic psychoses			Due to drugs, etc.			Traumatic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses			Involutional psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	7	2	9	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–
Armenian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
English	27	20	47	2	1	3	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	1	1	4	2	6	1	–	1	–	–	–	5	7	12	–	–	–
Finnish	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	31	18	49	4	–	4	–	–	–	–	–	–	–	–	–	3	–	3	–	1	1	–	–	–	5	2	7	–	–	–	–	–	–	5	3	8	–	3	3
German	8	7	15	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	2	2	–	1	1
Greek	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	4	2	6	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Irish	36	41	77	1	–	1	–	–	–	–	–	–	–	1	1	4	1	5	–	–	–	2	–	2	6	4	10	–	1	1	1	1	2	6	16	22	1	3	4
Italian[1]	13	9	22	1	–	1	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Japanese	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuanian	1	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Magyar	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–
Scandinavian[2]	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scotch	6	4	10	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	2	1	3	–	–	–
Slavonic[3]	45	35	80	–	1	1	–	–	–	–	–	–	–	–	–	5	1	6	–	–	–	–	–	–	1	2	3	1	1	2	–	–	–	2	1	3	2	3	5
Syrian	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mixed	58	58	116	2	–	2	1	–	1	–	2	2	–	–	–	5	2	7	–	–	–	–	–	–	5	4	9	3	–	3	–	–	–	5	14	19	–	2	2
Race unknown	8	3	11	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	3	–	3	–	–	–
Total	252	205	457	14	2	16	1	–	1	–	2	2	1	1	2	24	5	29	–	1	1	2	1	3	23	16	39	7	3	10	1	2	3	29	46	75	4	12	16

[1]Includes "North" and "South".
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses* — Concluded

Race	Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psychoneuroses			Manic-depressive psychoses			Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Without psychoses			Primary behavior disorders		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
Armenian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
English	–	1	1	1	–	1	–	–	–	1	2	3	1	1	2	4	1	5	2	–	2	–	–	–	1	1	2	3	3	6	–	–	–
Finnish	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
French	–	–	–	–	–	–	1	–	1	3	2	5	1	1	2	4	4	8	1	–	1	–	–	–	3	2	5	1	–	1	–	–	–
German	–	–	–	–	–	–	–	–	–	2	2	4	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	1	–	1
Greek	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hebrew	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Irish	–	1	1	–	–	–	–	2	2	4	2	6	2	7	9	3	1	4	2	–	2	–	–	–	1	–	1	3	1	4	–	–	–
Italian[1]	–	1	1	–	–	–	–	–	–	–	4	4	1	1	2	2	3	5	1	–	1	2	–	2	2	–	2	1	–	1	–	–	–
Japanese	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuanian	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Magyar	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scandinavian[2]	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Scotch	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Slavonic[3]	–	–	–	1	1	2	1	–	1	5	5	10	3	4	7	16	10	26	4	1	5	–	–	–	2	2	4	2	3	5	–	–	–
Syrian	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Mixed	–	1	1	–	–	–	1	–	1	3	4	7	6	10	16	11	6	17	3	4	7	3	2	5	2	3	5	7	4	11	1	–	1
Race unknown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	3	–	–	–	–	–	–	1	–	1	1	–	1	1	–	1
Total	–	5	5	2	1	3	3	2	5	21	23	44	16	26	42	46	29	75	14	6	20	9	2	11	12	8	20	20	12	32	3	–	3

[1]Includes "North" and "South".
[2]Norwegians, Danes and Swedes.
[3]Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovenian.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			0–14 years			15–19 years			20–24 years			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	14	2	16	–	–	–	1	–	1	–	–	–	1	–	1	1	–	1	2	2	4	–	–	–	2	–	2
With other forms of syphilis	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	1	–	1
Alcoholic psychoses	24	5	29	–	–	–	–	–	–	–	–	–	4	–	4	2	1	3	8	1	9	4	–	4	3	–	3
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Traumatic psychoses	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	23	16	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	7	3	10	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–	1	–	1
With convulsive disorders (epilepsy)	1	2	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	29	46	75	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Involutional psychoses	4	12	16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	5	7
Due to other metabolic diseases, etc.	–	5	5	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Due to new growth	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
With organic changes of nervous system	3	2	5	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–
Psychoneuroses	21	23	44	–	–	–	2	–	2	2	–	2	1	5	6	–	4	4	2	3	5	3	2	5	4	3	7
Manic-depressive psychoses	16	26	42	–	–	–	1	2	3	1	3	4	2	5	7	1	4	5	2	3	5	4	2	6	1	3	4
Dementia praecox	46	29	75	–	–	–	6	–	6	12	8	20	10	7	17	7	3	10	3	6	9	2	1	3	6	1	7
Paranoia and paranoid conditions	14	6	20	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	2	1	3	1	–	1	4	1	5
With psychopathic personality	9	2	11	–	1	1	1	–	1	1	–	1	–	–	–	1	1	2	4	–	4	1	–	1	–	–	–
With mental deficiency	12	8	20	–	1	1	1	1	2	3	1	4	–	2	2	1	–	1	1	1	2	1	–	1	2	2	4
Without psychoses	20	12	32	–	–	–	1	–	1	4	2	6	–	1	1	2	–	2	2	3	5	3	2	5	3	2	5
Primary behavior disorders	3	–	3	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1
Total	252	205	457	1	3	4	13	5	18	24	15	39	20	21	41	16	15	31	27	21	48	20	8	28	32	18	50

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses* — Concluded

PSYCHOSES	50–54 years			55–59 years			60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	3	–	3	2	–	2	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With other forms of syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	1	1	2	2	1	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to drugs, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	–	–	1	–	1	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	1	2	3	4	2	6	6	3	9	1	2	3	6	4	10	3	2	5	1	1	2	1	–	1
With other disturbances of circulation	–	1	1	–	–	–	2	–	2	2	–	2	–	–	–	1	1	2	–	–	–	–	–	–
With convulsive disorders (epilepsy)	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	–	–	–	–	1	1	–	5	5	5	11	16	11	7	18	5	10	15	5	9	14	2	3	5
Involutional psychoses	–	3	3	2	2	4	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	1	2	3	2	2	4	2	2	4	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	2	–	2	1	1	2	–	2	2	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Dementia praecox	–	2	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Paranoia and paranoid conditions	4	–	4	–	–	–	–	3	3	2	–	2	–	–	–	–	1	1	–	–	–	–	–	–
With psychopathic personality	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	1	–	1	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	2	1	3	–	–	–	2	–	2	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–
Primary behavior disorders	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	17	13	30	16	12	28	14	20	34	14	15	29	19	11	30	10	15	25	6	10	16	3	3	6

TABLE 8. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Illiterate			Reads Only			Reads and Writes			Common School			High School			College			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	14	2	16	–	–	–	–	–	–	2	1	3	7	–	7	2	1	3	–	–	–	3	–	3
With other forms of syphilis	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	24	5	29	1	2	3	2	–	2	1	1	2	14	1	15	6	1	7	–	–	–	–	–	–
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Traumatic psychoses	2	1	3	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
With cerebral arteriosclerosis	23	16	39	2	1	3	–	1	1	3	5	8	14	6	20	3	2	5	–	1	1	1	–	1
With other disturbances of circulation	7	3	10	–	–	–	–	–	–	–	–	–	5	1	6	1	1	2	–	–	–	1	1	2
With convulsive disorders (epilepsy)	1	2	3	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	29	46	75	–	3	3	–	–	–	6	9	15	13	25	38	3	5	8	1	1	2	6	3	9
Involutional psychoses	4	12	16	1	2	3	–	1	1	1	1	2	2	5	7	–	2	2	–	1	1	–	–	–
Due to other metabolic diseases, etc.	–	5	5	–	–	–	–	–	–	–	–	–	–	4	4	–	1	1	–	–	–	–	–	–
Due to new growth	2	1	3	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With organic changes of nervous system	3	2	5	–	–	–	–	–	–	1	–	1	1	1	2	–	1	1	1	–	1	–	–	–
Psychoneuroses	21	23	44	1	–	1	–	2	2	5	3	8	8	11	19	7	7	14	–	–	–	–	–	–
Manic-depressive psychoses	16	26	42	1	1	2	–	–	–	1	3	4	8	13	21	2	9	11	3	–	3	1	–	1
Dementia praecox	46	29	75	–	1	1	1	–	1	5	3	8	22	16	38	15	8	23	2	–	2	1	1	2
Paranoia and paranoid conditions	14	6	20	2	–	2	1	1	2	2	1	3	3	2	5	4	2	6	1	–	1	1	–	1
With psychopathic personality	9	2	11	1	–	1	–	–	–	1	–	1	4	2	6	3	–	3	–	–	–	–	–	–
With mental deficiency	12	8	20	4	1	5	–	–	–	4	3	7	3	3	6	–	–	–	–	–	–	1	1	2
Without psychoses	20	12	32	–	1	1	–	–	–	2	–	2	8	7	15	10	3	13	–	1	1	–	–	–
Primary behavior disorders	3	–	3	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–
Total	252	205	457	14	12	26	5	6	11	37	32	69	116	100	216	56	44	100	9	5	14	15	6	21

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			0–2,499			2,500–9,999			10,000–24,999			25,000–49,999			50,000–99,999			100,000–249,999			500,000+			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	14	2	16	–	1	1	1	–	1	2	1	3	1	–	1	2	–	2	6	–	6	1	–	1	1	–	1
With other forms of syphilis	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	24	5	29	1	–	1	5	1	6	7	1	8	2	–	2	4	1	5	5	1	6	–	–	–	–	1	1
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Traumatic psychoses	2	1	3	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With cerebral arteriosclerosis	23	16	39	6	2	8	5	1	6	4	4	8	4	1	5	1	–	1	2	8	10	–	–	–	1	–	1
With other disturbances of circulation	7	3	10	1	–	1	2	2	4	1	–	1	–	–	–	1	1	2	2	–	2	–	–	–	–	–	–
With convulsive disorders (epilepsy)	1	2	3	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Senile psychoses	29	46	75	3	2	5	6	4	10	2	15	17	4	2	6	3	7	10	10	16	26	1	–	1	–	–	–
Involutional psychoses	4	12	16	–	2	2	1	–	1	1	2	3	1	4	5	1	1	2	–	3	3	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	5	5	–	–	–	–	–	–	–	2	2	–	–	–	–	2	2	–	1	1	–	–	–	–	–	–
Due to new growth	2	1	3	–	–	–	2	–	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	3	2	5	1	–	1	1	–	1	–	–	–	–	–	–	1	–	1	–	2	2	–	–	–	–	–	–
Psychoneuroses	21	23	44	2	2	4	4	4	8	4	5	9	3	3	6	3	2	5	5	7	12	–	–	–	–	–	–
Manic-depressive psychoses	16	26	42	2	1	3	2	5	7	4	6	10	2	2	4	–	5	5	6	7	13	–	–	–	–	–	–
Dementia praecox	46	29	75	1	3	4	10	3	13	9	7	16	5	6	11	5	3	8	12	7	19	–	–	–	4	–	4
Paranoia and paranoid conditions	14	6	20	1	–	1	2	–	2	7	2	9	3	2	5	–	–	–	–	2	2	–	–	–	1	–	1
With psychopathic personality	9	2	11	2	–	2	–	–	–	1	–	1	–	1	1	2	–	2	4	1	5	–	–	–	–	–	–
With mental deficiency	12	8	20	2	2	4	2	1	3	3	3	6	2	–	2	1	1	2	2	1	3	–	–	–	–	–	–
Without psychoses	20	12	32	3	2	5	4	–	4	7	4	11	1	3	4	–	–	–	4	3	7	–	–	–	1	–	1
Primary behavior disorders	3	–	3	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Total	252	205	457	26	17	43	48	22	70	55	55	110	28	24	52	25	25	50	60	61	121	2	–	2	8	1	9

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	14	2	16	2	1	3	9	1	10	3	–	3	–	–	–
With other forms of syphilis	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	–	1	1	–	–	–	–	–	–	–	1	1
With other infectious diseases	1	1	2	–	–	–	–	–	–	–	–	–	1	1	2
Alcoholic psychoses	24	5	29	6	2	8	14	1	15	–	–	–	4	2	6
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1
Traumatic psychoses	2	1	3	1	–	1	1	1	2	–	–	–	–	–	–
With cerebral arteriosclerosis	23	16	39	12	11	23	8	3	11	1	–	1	2	2	4
With other disturbances of circulation	7	3	10	–	1	1	3	1	4	–	–	–	4	1	5
With convulsive disorders (epilepsy)	1	2	3	–	2	2	–	–	–	1	–	1	–	–	–
Senile psychoses	29	46	75	9	26	35	8	12	20	4	3	7	8	5	13
Involutional psychoses	4	12	16	–	4	4	2	7	9	–	–	–	2	1	3
Due to other metabolic diseases, etc.	–	5	5	–	1	1	–	3	3	–	–	–	–	1	1
Due to new growth	2	1	3	–	–	–	1	1	2	1	–	1	–	–	–
With organic changes of nervous system	3	2	5	2	1	3	1	1	2	–	–	–	–	–	–
Psychoneuroses	21	23	44	4	4	8	14	17	31	2	–	2	1	2	3
Manic-depressive psychoses	16	26	42	–	7	7	11	16	27	1	–	1	4	3	7
Dementia praecox	46	29	75	9	11	20	27	15	42	1	–	1	9	3	12
Paranoia and paranoid conditions	14	6	20	1	3	4	7	2	9	3	–	3	3	1	4
With psychopathic personality	9	2	11	3	–	3	2	–	2	–	–	–	4	2	6
With mental deficiency	12	8	20	7	4	11	4	4	8	–	–	–	1	–	1
Without psychoses	20	12	32	5	5	10	11	6	17	3	–	3	1	1	2
Primary behavior disorders	3	–	3	1	–	1	2	–	2	–	–	–	–	–	–
Total	252	205	457	63	84	147	125	91	216	20	3	23	44	27	71

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	14	2	16	3	1	4	7	–	7	1	1	2	3	–	3
With other forms of syphilis	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	–	2	2	–	–	–	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	1	1	–	–	–	1	–	1	–	–	–
Alcoholic psychoses	24	5	29	–	–	–	–	–	–	24	5	29	–	–	–
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–
Traumatic psychoses	2	1	3	2	1	3	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	23	16	39	8	12	20	8	3	11	4	1	5	3	–	3
With other disturbances of circulation	7	3	10	3	3	6	3	–	3	–	–	–	1	–	1
With convulsive disorders (epilepsy)	1	2	3	1	2	3	–	–	–	–	–	–	–	–	–
Senile psychoses	29	46	75	7	27	34	11	17	28	6	1	7	5	1	6
Involutional psychoses	4	12	16	–	7	7	4	5	9	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	5	5	–	3	3	–	2	2	–	–	–	–	–	–
Due to new growth	2	1	3	1	–	1	1	1	2	–	–	–	–	–	–
With organic changes of nervous system	3	2	5	2	2	4	1	–	1	–	–	–	–	–	–
Psychoneuroses	21	23	44	7	7	14	8	14	22	5	2	7	1	–	1
Manic-depressive psychoses	16	26	42	2	16	18	10	7	17	2	1	3	2	2	4
Dementia praecox	46	29	75	13	14	27	19	13	32	7	2	9	7	–	7
Paranoia and paranoid conditions	14	6	20	1	6	7	9	–	9	4	–	4	–	–	–
With psychopathic personality	9	2	11	2	1	3	1	–	1	3	1	4	3	–	3
With mental deficiency	12	8	20	4	8	12	5	–	5	1	–	1	2	–	2
Without psychoses	20	12	32	2	5	7	5	2	7	12	5	17	1	–	1
Primary behavior disorders	3	–	3	1	–	1	1	–	1	1	–	1	–	–	–
Total	252	205	457	60	118	178	93	64	157	71	20	91	28	3	31

TABLE 12. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

Psychoses	Total			Single			Married			Widowed			Divorced			Separated			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	14	2	16	5	–	5	8	1	9	1	–	1	–	1	1	–	–	–	–	–	–
With other forms of syphilis	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
With other infectious diseases	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	24	5	29	6	–	6	14	1	15	2	3	5	–	1	1	2	–	2	–	–	–
Due to drugs, etc.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Traumatic psychoses	2	1	3	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	23	16	39	4	2	6	9	5	14	9	9	18	1	–	1	–	–	–	–	–	–
With other disturbances of circulation	7	3	10	–	–	–	4	2	6	3	1	4	–	–	–	–	–	–	–	–	–
With convulsive disorders (epilepsy)	1	2	3	–	1	1	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	29	46	75	5	5	10	11	10	21	12	27	39	1	2	3	–	1	1	–	1	1
Involutional psychoses	4	12	16	–	2	2	4	4	8	–	6	6	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	5	5	–	2	2	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	2	1	3	–	–	–	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	3	2	5	1	1	2	1	1	2	–	–	–	1	–	1	–	–	–	–	–	–
Psychoneuroses	21	23	44	5	5	10	13	16	29	2	1	3	–	1	1	1	–	1	–	–	–
Manic-depressive psychoses	16	26	42	5	8	13	8	17	25	2	–	2	1	–	1	–	1	1	–	–	–
Dementia praecox	46	29	75	37	13	50	8	14	22	1	1	2	–	1	1	–	–	–	–	–	–
Paranoia and paranoid conditions	14	6	20	2	–	2	10	5	15	–	1	1	–	–	–	2	–	2	–	–	–
With psychopathic personality	9	2	11	3	1	4	4	–	4	–	–	–	2	1	3	–	–	–	–	–	–
With mental deficiency	12	8	20	8	5	13	3	2	5	–	–	–	1	–	1	–	1	1	–	–	–
Without psychoses	20	12	32	6	3	9	12	7	19	–	1	1	1	–	1	1	–	1	–	1	1
Primary behavior disorders	3	–	3	2	–	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Total	252	205	457	91	50	141	114	92	206	33	50	83	8	7	15	6	4	10	–	2	2

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1938, All Cases in Residence and All Cases Out on September 30, 1938, by Status of Admission and Sex*

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit, etc.					
	First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to or Associated with Infection:																														
Syphilis of the Central Nervous System:																														
Meningo-encephalitic type (general paresis)	14	2	16	–	1	1	6	2	8	1	–	1	10	1	11	–	–	–	53	13	66	8	2	10	3	2	5	–	2	2
Meningo-vascular type (cerebral syphilis)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Other types	1	–	1	–	–	–	2	1	3	–	–	–	–	1	1	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	2	2	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	4	5	9	2	1	3	–	1	1	–	–	–
With other infectious disease	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–
Post-infectious psychoses	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Intoxication:																														
Due to Alcohol:																														
Pathological intoxication	4	1	5	1	–	1	3	1	4	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1	1	–	1
Delirium tremens	5	–	5	–	–	–	7	3	10	1	–	1	–	–	–	–	–	–	3	–	3	–	–	–	1	–	1	–	–	–
Korsakow's psychosis	5	–	5	–	–	–	3	–	3	–	–	–	–	–	–	–	–	–	12	–	12	–	–	–	–	–	–	–	–	–
Acute hallucinosis	6	1	7	3	–	3	14	–	14	5	1	6	–	–	–	–	–	–	12	2	14	1	–	1	4	–	4	1	–	1
Other types	4	3	7	6	1	7	8	1	9	1	1	2	5	–	5	–	–	–	48	8	56	20	5	25	8	1	9	–	–	–
Due to Drugs or Other Exogenous Poisons:																														
Due to opium and derivatives	–	–	–	–	1	1	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to other drugs	–	1	1	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Trauma:																														
Traumatic delirium	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	–	1	–	–	–
Post-traumatic personality disorders	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
Post-traumatic mental deterioration	2	1	3	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	4	2	6	–	–	–	–	–	–	–	–	–
Psychoses Due to Disturbance of Circulation:																														
With cerebral arteriosclerosis	23	16	39	2	3	5	7	2	9	1	1	2	20	16	36	1	–	1	58	54	112	12	5	17	7	7	14	2	3	5
With cerebral embolism	1	1	2	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1	1	1	2	–	–	–
With cardio-renal disease	4	–	4	–	–	–	1	2	3	–	–	–	4	2	6	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–
Other types	2	2	4	–	1	1	1	1	2	1	–	1	1	–	1	–	–	–	1	1	2	–	1	1	–	–	–	–	–	–
Psychoses Due to Convulsive Disorders (Epilepsy):																														
Epileptic deterioration	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	2	3	–	–	–	–	–	–
Epileptic clouded states	–	1	1	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–	5	3	8	2	2	4	–	1	1	–	–	–
Other epileptic types	1	1	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–	1	1	2	–	–	–

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1938, All Cases in Residence and All Cases Out on September 30, 1938, by Status of Admission and Sex* — Concluded

Mental Disorders	All Admissions						All Discharges						All Deaths						Resident Population						Patients Out on Visit, etc.					
	First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions			First Admissions			Readmissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Psychoses Due to Disturbances of Metabolism, Growth, Nutrition or Endocrine Function:																														
Senile Psychoses:																														
Simple deterioration	23	30	53	2	3	5	3	2	5	–	1	1	13	18	31	–	2	2	25	37	62	2	2	4	1	3	4	–	–	–
Presbyophrenic type	–	5	5	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	2	4	6	–	–	–	1	1	2	–	–	–
Delirious and confused types	4	1	5	–	1	1	–	–	–	–	–	–	3	–	3	–	–	–	1	1	2	–	1	1	–	–	–	–	–	–
Depressed and agitated types	1	4	5	1	–	1	–	–	–	–	1	1	–	1	1	–	–	–	3	7	10	1	–	1	–	–	–	–	1	1
Paranoid types	1	6	7	1	1	2	1	2	3	–	–	–	3	6	9	–	–	–	15	24	39	3	1	4	–	2	2	–	1	1
Involutional psychoses:																														
Melancholia	3	6	9	1	2	3	4	4	8	–	–	–	4	2	6	–	–	–	24	27	51	11	9	20	3	4	7	2	3	5
Paranoid types	1	6	7	–	2	2	1	3	4	–	1	1	–	–	–	–	–	–	–	15	15	–	3	3	1	3	4	–	2	2
Other types	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	1	1	–	–	–
With diseases of the endocrine glands	–	1	1	1	–	1	–	1	1	–	–	–	–	1	1	–	–	–	–	1	1	–	1	1	–	1	1	1	–	1
Exhaustion delirium	–	2	2	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	1	1	2	–	–	–
Alzheimer's disease	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
With pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
With other somatic diseases	–	1	1	1	–	1	–	1	1	–	–	–	–	–	–	1	–	1	2	5	7	–	1	1	–	2	2	–	–	–
Psychoses Due to New Growth:																														
With intracranial neoplasms	2	–	2	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–
With other neoplasms	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoses Due to Unknown or Hereditary Causes, but Associated with Organic Changes:																														
With multiple sclerosis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–
With paralysis agitans	2	–	2	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With Huntington's chorea	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
With other brain or nervous diseases	–	1	1	–	–	–	1	1	2	–	–	–	–	1	1	–	–	–	1	1	2	–	–	–	1	–	1	–	–	–
Disorders of Psychogenic Origin or Without Clearly Defined Tangible Cause or Structural Change:																														
Psychoneuroses:																														
Anxiety hysteria	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Conversion hysteria:																														
Paralytic type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Amnesic type	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Psychasthenia or compulsive states:																														
Compulsive tics and spasms	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–

Mixed compulsive states	1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1	–	1	1
Neurasthenia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	–	1	–	–	–
Hypochondriasis	3	3	6	–	–	–	2	2	4	–	–	–	1	–	1	–	–	–	–	2	2	–	1	1	–	2	2	–	–	–
Reactive depression	9	6	15	2	1	3	5	3	8	–	1	1	–	–	–	1	–	1	3	3	6	–	1	1	6	3	9	3	–	3
Anxiety state	–	–	–	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Mixed psychoneurosis	8	13	21	4	5	9	6	3	9	2	5	7	–	1	1	–	–	–	1	9	10	–	2	2	4	8	12	1	4	5
Manic-depressive Psychosis:																														
Manic type	9	9	18	9	12	21	9	5	14	6	9	15	1	–	1	2	–	2	8	13	21	8	20	28	3	3	6	10	13	23
Depressive type	2	8	10	2	8	10	4	8	12	2	6	8	–	–	–	–	1	1	5	16	21	11	13	24	1	9	10	2	5	7
Circular type	–	2	2	1	–	1	–	1	1	–	2	2	–	–	–	–	1	1	3	8	11	4	8	12	–	–	–	1	–	1
Mixed type	–	1	1	1	3	4	–	–	–	–	2	2	–	–	–	–	–	–	2	6	8	3	6	9	–	–	–	2	3	5
Perplexed type	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Stuporous type	1	2	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	2	2	–	1	1
Other types	4	4	8	6	6	12	2	3	5	2	1	3	–	–	–	–	2	2	1	1	2	5	4	9	3	4	7	–	2	2
Dementia praecox (schizophrenia):																														
Simple type	1	–	1	2	–	2	–	1	1	–	–	–	–	–	–	–	–	–	3	12	15	3	6	9	–	–	–	1	–	1
Hebephrenic type	18	18	36	12	10	22	3	8	11	3	2	5	2	1	3	1	–	1	66	75	141	43	43	86	15	10	25	6	10	16
Catatonic type	3	3	6	4	4	8	13	11	24	4	4	8	2	4	6	–	1	1	134	146	280	50	66	116	8	7	15	9	6	15
Paranoid type	8	5	13	4	6	10	5	9	14	1	4	5	–	5	5	1	3	4	81	186	267	20	81	101	6	12	18	9	4	13
Other types	16	3	19	9	5	14	5	5	10	1	–	1	–	–	–	1	–	1	12	5	17	5	5	10	8	1	9	9	6	15
Paranoid conditions	14	6	20	5	1	6	7	5	12	1	–	1	1	–	1	1	–	1	9	6	15	4	1	5	5	1	6	1	1	2
With psychopathic personality	9	2	11	2	–	2	2	–	2	2	1	3	1	–	1	–	–	–	6	4	10	2	3	5	6	4	10	2	1	3
With mental deficiency:																														
Idiot	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2	5	7	1	1	2	1	–	1	–	–	–
Imbecile	4	–	4	1	–	1	–	–	–	–	–	–	–	2	2	–	–	–	25	18	43	11	8	19	1	–	1	1	1	2
Moron	8	7	15	1	1	2	3	5	8	–	–	–	–	1	1	–	–	–	23	26	49	6	9	15	6	8	14	3	1	4
Unknown	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	2	3	5	–	1	1	–	–	–	–	–	–
Undiagnosed Psychoses:	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without Psychoses:																														
Alcoholism	7	2	9	3	1	4	8	2	10	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2	1	–	1
Psychopathic personality:																														
With pathological sexuality	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With pathological emotionality	1	1	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With asocial or amoral trends	–	3	3	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Mixed types	6	1	7	1	–	1	7	1	8	3	–	3	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Mental deficiency:																														
Idiot	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Imbecile	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	2	6	1	–	1	–	1	1	–	–	–
Moron	1	1	2	1	1	2	1	–	1	2	–	2	–	–	–	–	–	–	–	1	1	1	1	2	1	1	2	1	–	1
Other non-psychotic diseases or conditions	2	4	6	1	–	1	2	2	4	1	–	1	1	–	1	–	–	–	–	3	3	–	–	–	–	–	–	–	–	–
No other condition	2	–	2	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Primary Behavior Disorders:																														
Simple adult maladjustment	2	–	2	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
Primary behavior disorders in children:																														
Conduct disturbance	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Grand Total	252	205	457	91	86	177	157	110	267	43	47	90	76	70	146	9	12	21	680	773	1,453	244	323	567	114	111	225	70	72	142

NOTE:—Admissions and discharges do not include transfers.

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	TOTAL			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	7	2	9	–	1	1	6	1	7	1	–	1
With other forms of syphilis	2	1	3	–	–	–	2	1	3	–	–	–
With epidemic encephalitis	1	–	1	–	–	–	1	–	1	–	–	–
With other infectious diseases	1	–	1	–	–	–	1	–	1	–	–	–
Alcoholic psychoses	42	8	50	29	1	30	11	6	17	2	1	3
Due to drugs, etc.	–	2	2	–	1	1	–	1	1	–	–	–
Traumatic psychoses	1	–	1	–	–	–	1	–	1	–	–	–
With cerebral arteriosclerosis	8	3	11	–	–	–	3	3	6	5	–	5
With other disturbances of circulation	3	3	6	2	–	2	1	3	4	–	–	–
With convulsive disorders (epilepsy)	1	2	3	–	–	–	1	2	3	–	–	–
Senile psychoses	4	6	10	–	–	–	1	6	7	3	–	3
Involutional psychoses	5	9	14	1	–	1	3	9	12	1	–	1
Due to other metabolic diseases, etc.	1	2	3	–	–	–	1	2	3	–	–	–
With organic changes of nervous system	1	1	2	–	–	–	1	1	2	–	–	–
Psychoneuroses	15	16	31	8	5	13	5	10	15	2	1	3
Manic-depressive psychoses	25	37	62	16	1	17	9	36	45	–	–	–
Dementia praecox	35	44	79	–	–	–	27	38	65	8	6	14
Paranoia and paranoid conditions	8	5	13	1	–	1	6	5	11	1	–	1
With psychopathic personality	4	1	5	–	–	–	2	1	3	2	–	2
With mental deficiency	4	5	9	–	–	–	3	5	8	1	–	1
Undiagnosed psychoses	1	–	1	1	–	1	–	–	–	–	–	–
Without psychoses	29	10	39	–	–	–	–	–	–	–	–	–
Primary behavior disorders	2	–	2	2	–	2	–	–	–	–	–	–
Total	200	157	357	60	9	69	85	130	215	26	8	34

TABLE 15. *Hospital Residence during This Admission of First Admissions Discharged during 1938*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	6	2	8	1.30	1.35	1.31
With other forms of syphilis	2	1	3	.16	.71	.34
With other infectious diseases	1	–	1	.12	–	.12
Alcoholic psychoses	35	5	40	.65	.12	.58
Due to drugs, etc.	–	2	2	–	.12	.12
Traumatic psychoses	1	–	1	.04	–	.04
With cerebral arteriosclerosis	7	2	9	.12	.20	.13
With other disturbances of circulation	2	3	5	.04	.34	.22
With convulsive disorders (epilepsy)	1	1	2	.20	.46	.33
Senile psychoses	4	4	8	.24	.10	.17
Involutional psychoses	5	8	13	1.88	1.71	1.77
Due to other metabolic diseases, etc.	1	2	3	.94	.20	.44
With organic changes of nervous system	1	1	2	.12	.37	.24
Psychoneuroses	13	9	22	.15	.19	.17
Manic-depressive psychoses	15	17	32	.75	.91	.84
Dementia praecox	26	34	60	2.70	1.94	2.27
Paranoia and paranoid conditions	7	5	12	.20	.67	.39
With psychopathic personality	2	–	2	.85	–	.85
With mental deficiency	4	5	9	2.00	2.43	2.24
Undiagnosed psychoses	1	–	1	.12	–	.12
Without psychoses	21	9	30	.07	.06	.07
Primary behavior disorders	2	–	2	.04	–	.04
Total	157	110	267	.89	1.09	.97

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders*

Causes of Death	Total			With syphilitic meningo-encephalitis			With other forms of syphilis			With epidemic encephalitis			Alcoholic psychoses			Due to drugs, etc.			Traumatic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																					
Tuberculosis of the respiratory system	4	3	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tuberculosis of other organs	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis (non-nervous forms)	3	–	3	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																					
Cancer and other malignant tumors	3	2	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Tumor (non-cancerous)	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																					
Pellagra	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the thyroid and parathyroid glands	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Blood and Bloodmaking Organs:																					
Pernicious anemia	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																					
Meningitis	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Progressive locomotor ataxia (tabes dorsalis)	–	1	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	6	4	10	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
General paralysis of the insane	3	–	3	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic endocarditis (valvular disease)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the myocardium	25	32	57	2	–	2	–	–	–	–	1	1	2	–	2	–	1	1	–	–	–
Diseases of the coronary arteries and angina pectoris	2	2	4	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Other diseases of the heart	6	5	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arteriosclerosis	12	1	13	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Gangrene	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the arteries	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System:																					
Bronchopneumonia (including capillary bronchitis)	4	8	12	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Lobar pneumonia	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																					
Diarrhea and enteritis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biliary calculi and other diseases of the gall bladder and biliary passages	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
Peritonitis	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																					
Nephritis (acute, chronic & unspecified)	3	2	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Calculi of the urinary passages	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																					
Suicide	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	4	9	13	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	85	82	167	10	1	11	–	1	1	–	1	1	5	–	5	–	2	2	1	–	1

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders* — Continued

CAUSES OF DEATH	With cerebral arterio-sclerosis			With other disturbances of circulation			Senile psychoses			Involutional psychoses			Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																					
Tuberculosis of the respiratory system	–	–	–	–	–	–	–	1	1	1	–	1	1	–	1	–	–	–	–	–	–
Tuberculosis of other organs	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Syphilis (non-nervous forms)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																					
Cancer and other malignant tumors	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	1	1	2	–	–	–
Tumor (non-cancerous)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																					
Pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Diabetes	–	–	–	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the thyroid and parathyroid glands	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Diseases of the Blood and Bloodmaking Organs:																					
Pernicious anemia	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																					
Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Progressive locomotor ataxia (tabes dorsalis)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	3	2	5	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Diseases of the Circulatory System:																					
Chronic endocarditis (valvular disease)	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the myocardium	6	7	13	3	2	5	6	12	18	1	–	1	–	–	–	–	–	–	–	–	–
Diseases of the coronary arteries and angina pectoris	–	1	1	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the heart	–	1	1	1	–	1	2	2	4	1	–	1	–	–	–	–	–	–	–	–	–
Arteriosclerosis	8	–	8	–	–	–	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–
Gangrene	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the arteries	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System:																					
Bronchopneumonia (including capillary bronchitis)	1	1	2	–	–	–	2	1	3	–	1	1	–	–	–	–	–	–	–	–	–
Lobar pneumonia	1	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																					
Diarrhea and enteritis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biliary calculi and other diseases of the gall bladder and biliary passages	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																					
Nephritis (acute, chronic & unspecified)	–	–	–	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
Calculi of the urinary passages	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																					
Suicide	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other external causes	1	3	4	–	–	–	1	6	7	–	–	–	–	–	–	–	–	–	–	–	–
Total	21	16	37	5	3	8	19	29	48	4	2	6	1	2	3	2	1	3	1	1	2

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Mental Disorders* — Concluded

	Psycho-neuroses			Manic-depressive psychoses			Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases:																					
Tuberculosis of the respiratory system	–	–	–	–	–	–	1	2	3	1	–	1	–	–	–	–	–	–	–	–	–
Tuberculosis of other organs	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Syphilis (non-nervous forms)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Tumors:																					
Cancer and other malignant tumors	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Tumor (non-cancerous)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:																					
Pellagra	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diabetes	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Diseases of the thyroid and parathyroid glands	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Blood and Bloodmaking Organs:																					
Pernicious anemia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Nervous System and Organs of Special Sense:																					
Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Progressive locomotor ataxia (tabes dorsalis)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage	–	1	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
General paralysis of the insane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Circulatory System:																					
Chronic endocarditis (valvular disease)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the myocardium	2	–	2	–	1	1	2	6	8	1	–	1	–	–	–	–	2	2	–	–	–
Diseases of the coronary arteries and angina pectoris	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the heart	–	–	–	1	1	2	–	1	1	–	–	–	–	–	–	–	–	–	1	–	1
Arteriosclerosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gangrene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases of the arteries	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Respiratory System:																					
Bronchopneumonia (including capillary bronchitis)	–	–	–	1	1	2	–	2	2	–	–	–	–	–	–	–	1	1	–	–	–
Lobar pneumonia	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Other diseases (tuberculosis excepted)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Digestive System:																					
Diarrhea and enteritis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Biliary calculi and other diseases of the gall bladder and biliary passages	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peritonitis	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Genito-Urinary System:																					
Nephritis (acute, chronic & unspecified)	–	–	–	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Calculi of the urinary passages	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Violent and Accidental Deaths:																					
Suicide	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
Other external causes	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Total	2	1	3	3	4	7	7	14	21	2	–	2	1	–	1	–	4	4	1	–	1

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses*

Psychoses	Total			25–29 years			30–34 years			35–39 years			40–44 years			45–49 years			50–54 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	10	1	11	–	–	–	–	–	–	2	–	2	–	–	–	–	1	1	3	–	3
With other forms of syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	5	–	5	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Due to drugs, etc.	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	21	16	37	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	5	3	8	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Senile psychoses	19	29	48	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	4	2	6	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Due to other metabolic diseases, etc.	1	2	3	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1
Due to new growth	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
With organic changes of nervous system	1	1	2	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Psychoneuroses	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Manic-depressive psychoses	3	4	7	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–
Dementia praecox	7	14	21	–	–	–	2	1	3	1	–	1	1	2	3	1	1	2	–	2	2
Paranoia and paranoid conditions	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–
With psychopathic personality	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	4	4	–	–	–	–	1	1	–	–	–	–	1	1	–	–	–	–	1	1
Without psychoses	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	85	82	167	1	–	1	3	2	5	4	2	6	1	3	4	5	4	9	3	5	8

TABLE 17. *Age of Patients at Time of Death Classified with Reference to Principal Psychoses* — Concluded

Psychoses	55–59 years			60–64 years			65–69 years			70–74 years			75–79 years			80–84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	–	2	2	–	2	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
With other forms of syphilis	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	3	–	3	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Due to drugs, etc.	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	1	1	2	3	1	4	5	2	7	3	6	9	6	3	9	1	2	3	2	1	3
With other disturbances of circulation	–	–	–	1	–	1	3	1	4	–	–	–	1	1	2	–	–	–	–	–	–
Senile psychoses	–	–	–	1	3	4	1	2	3	7	6	13	4	6	10	4	10	14	2	2	4
Involutional psychoses	2	1	3	–	–	–	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	1	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	1	1	–	1	1	1	1	2	1	–	1	–	–	–	–	–	–	–	1	1
Dementia praecox	–	1	1	1	–	1	–	2	2	–	–	–	–	4	4	1	–	1	–	1	1
Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	9	6	15	10	8	18	14	9	23	13	12	25	12	14	26	6	12	18	4	5	9

TABLE 18. *Total Duration of Hospital Life During All Admissions of Patients Dying in Hospital Classified According to Principal Psychoses*

Psychoses	Total			Less than 1 month			1–3 months			4–7 months			8–12 months			1–2 years			3–4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	10	1	11	3	–	3	1	–	1	2	–	2	–	–	–	–	1	1	3	–	3
With other forms of syphilis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
With epidemic encephalitis	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Alcoholic psychoses	5	–	5	1	–	1	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–
Due to drugs, etc.	–	2	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	21	16	37	7	2	9	2	1	3	1	2	3	–	–	–	6	2	8	3	7	10
With other disturbances of circulation	5	3	8	2	1	3	3	–	3	–	–	–	–	1	1	–	1	1	–	–	–
Senile psychoses	19	29	48	10	5	15	2	6	8	1	4	5	1	5	6	3	5	8	2	1	3
Involutional psychoses	4	2	6	–	1	1	–	–	–	–	–	–	–	–	–	2	1	3	1	–	1
Due to other metabolic diseases, etc.	1	2	3	–	1	1	–	1	1	–	–	–	–	–	–	1	–	1	–	–	–
Due to new growth	2	1	3	–	1	1	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
Psychoneuroses	2	1	3	–	–	–	1	1	2	1	–	1	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	3	4	7	1	–	1	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–
Dementia praecox	7	14	21	–	–	–	–	–	–	1	–	1	2	–	2	3	–	3	–	–	–
Paranoia and paranoid conditions	2	–	2	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
With psychopathic personality	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–
With mental deficiency	–	4	4	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Without psychoses	1	–	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	85	82	167	26	12	38	14	10	24	7	6	13	4	7	11	16	14	30	9	8	17

TABLE 18. *Total Duration of Hospital Life During All Admissions of Patients Dying in Hospital Classified According to Principal Psychoses* — Concluded

	5–6 years			7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other forms of syphilis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With epidemic encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic psychoses	–	–	–	–	–	–	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–
Due to drugs, etc.	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Traumatic psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With cerebral arteriosclerosis	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With other disturbances of circulation	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Senile psychoses	–	2	2	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involutional psychoses	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to other metabolic diseases, etc.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Due to new growth	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With organic changes of nervous system	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Psychoneuroses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic-depressive psychoses	–	–	–	–	1	1	1	–	1	–	–	–	1	–	1	–	1	1	–	–	–
Dementia praecox	–	–	–	–	–	–	–	3	3	–	2	2	–	2	2	–	2	2	1	5	6
Paranoia and paranoid conditions	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With psychopathic personality	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
With mental deficiency	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Without psychoses	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total	2	4	6	2	3	5	2	4	6	–	2	2	2	2	4	–	4	4	1	6	7

TABLE 19. *Average Length of Hospital Residence during the Present Admission of All First Admissions in Residence on September 30, 1938*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	53	13	66	4.71	4.57	4.68
With other forms of syphilis	4	–	4	4.23	–	4.23
With epidemic encephalitis	4	5	9	5.75	6.08	5.93
With other infectious diseases	1	1	2	.44	.44	.44
Alcoholic psychoses	75	10	85	10.18	10.98	10.28
Traumatic psychoses	5	4	9	10.30	1.98	6.60
With cerebral arteriosclerosis	58	54	112	3.16	4.34	3.73
With other disturbances of circulation	2	3	5	3.50	6.81	5.48
With convulsive disorders (epilepsy)	8	4	12	5.00	4.48	4.82
Senile psychoses	46	73	119	2.69	2.35	2.48
Involutional psychoses	25	42	67	5.89	3.93	4.66
Due to other metabolic diseases, etc.	2	9	11	15.00	7.04	8.49
Due to new growth	1	1	2	1.50	17.50	9.50
With organic changes of nervous system	4	2	6	2.47	.44	1.79
Psychoneuroses	4	16	20	.97	1.40	1.31
Manic-depressive psychoses	19	44	63	5.69	4.80	5.07
Dementia praecox	296	424	720	10.58	10.60	10.60
Paranoia and paranoid conditions	9	6	15	.89	.61	.78
With psychopathic personality	6	4	10	1.63	10.48	5.17
With mental deficiency	52	52	104	10.07	6.59	8.33
Without psychoses	5	6	11	16.50	5.63	10.57
Primary behavior disorders	1	–	1	.44	–	.44
Total	680	773	1,453	8.11	7.83	7.96

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmissions in Residence on September 30, 1938*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	8	2	10	4.25	2.50	3.90
With epidemic encephalitis	2	1	3	6.00	7.50	6.50
Alcoholic psychoses	22	5	27	6.90	8.10	7.12
With cerebral arteriosclerosis	12	5	17	2.91	2.30	2.73
With other disturbances of circulation	–	2	2	–	9.00	9.00
With convulsive disorders (epilepsy)	3	4	7	5.83	13.25	10.07
Senile psychoses	6	4	10	1.83	.75	1.40
Involutional psychoses	11	12	23	5.50	5.08	5.28
Due to other metabolic diseases, etc.	–	3	3	–	8.50	8.50
Psychoneuroses	–	7	7	–	2.92	2.92
Manic-depressive psychoses	32	52	84	6.01	5.94	5.97
Dementia praecox	121	201	322	11.08	9.84	10.31
Paranoia and paranoid conditions	4	1	5	.75	2.50	1.10
With psychopathic personality	2	3	5	1.00	5.50	3.70
With mental deficiency	18	19	37	11.30	10.13	10.70
Without psychoses	3	1	4	2.83	.50	2.25
Primary behavior disorders	–	1	1	–	.50	.50
Total	244	323	567	8.49	8.50	8.50

TABLE 20. *Family Care Statistics for Year Ended September 30, 1938*

	Males	Females	Total
Remaining in Family Care September 30, 1937	7	12	19
On Visit from Family Care September 30, 1937	1	2	3
Admitted to Family Care during the Year	7	20	27
Whole Number of Cases within the Year	14	32	46
Discharged from Family Care within the Year:	7	16	23
From Family Care to Escape Status	–	1	1
From Family Care to Visit Status	–	5	5
Returned to Institution	7	10	17
Returned to Institution from Escape	–	1	1
Returned to Institution from Visit	–	3	3
Remaining in Family Care September 30, 1938	7	16	23
Average Daily Number in Family Care During Year:	6.39	13.29	19.69
Supported by State	5	11	16
Private	2	5	7

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